Automated Vehicle Industrial Po Wash Systems Wash System	ower			SHEET
	Issue Date October 31, 1. IDENTIF		Revision Date Oc	ctober 31, 2013 Version 1
roduct Identifier			cal and restrictions	on use
roduct Name SmartWash® Hot 2				
etails of the supplier of the safety data sh Supplier Address	neet Company Phone Emergency Teles		(501) 847-9031	
Whiting Systems, Inc.	INFOTRA		1 (352) 323-3500) (International)
9000 Highway 5 North Alexander, AR 7200			1 (800) 535-5053	(North America)
Classification Skin corrosion/irritation	2. HAZARDS IDI		Brocoutionary St	tomente Provention
Skin conosion/initiation Serious eye damage/eye ir		ub-category C Do not breathe	e dust/fume/gas/mist/	<u>atements - Prevention</u> vapors/spray
	es skin irritation			d skin thoroughly after handling
-	es serious eye damage arance Brown liquid Physical	•	•	lothing/eye protection/face protection tic Burnt Sugar
Precautionary S	tatements - Response			
	e cautiously with water for several			esent and easy to do.
	immediately call a POISON CEN air): Remove/Take off immediately			with water/shower Wash
contaminated clot	hing before reuse		C C	
FINHALED: Remove victim to fresh air and k FSWALLOWED: Rinse mouth. DO NOT indu		le for breathing In	nmediately call a POI	SON CENTER
SWALLOWED. KINSe mouth. DO NOT INd	3. COMPOSITION/INFORM	ATION ON INGR	EDIENTS	
Chemical Name	CAS No	1	eight-%	Trade Secret
2-Butoxyethanol	111-76-2		3-7	*
Sodium Tripolyphosphate Sodium metasilicate pentahydrate	7758-29-4 10213-79-3		1-5 1-5	*
Sodium hydroxide	1310-73-2		1 – 5	*
	4. FIRST AID			
<u>nhalation</u> Remove victim to fresh air and keep at re	est in a position comfortable for	Eve contact	sh with plenty of wa	ater After initial flushing remove a
preathing. Wash mouth and nasal passage				.
hysician immediately.		immediately.		
	Drink plenty of water or milk	Skin Contact	and water DO NC	T attempt to neutralize with chemi
Rinse mouth. Do NOT induce vomiting.		Wash with soap		
ngestion Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth the physician or poison control center immediately	o an unconscious person. Call a	Wash with soap agents. Take off		ng. Wash contaminated clothing before
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to obysician or poison control center immediately Most important symptoms and effects, bot	o an unconscious person. Call a /. h acute and delayed Symptoms	Wash with soap agents. Take off reuse. If skin irrit	contaminated clothir ation persists, call a p	ng. Wash contaminated clothing before hysician.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to ohysician or poison control center immediately Most important symptoms and effects, both May cause irritation to the mucous membrane	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pro-	Wash with soap agents. Take off reuse. If skin irrit olonged contact r	contaminated clothin ation persists, call a p nay even cause seve	ng. Wash contaminated clothing befor ohysician. ere skin irritation or mild burn. Expos
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to obysician or poison control center immediately. Most important symptoms and effects, bot May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne	o an unconscious person. Call a <u>n</u> . <u>h acute and delayed Symptoms</u> as and upper respiratory tract. Pro- ss and discomfort. May cause gas	Wash with soap agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita	contaminated clothir ation persists, call a p nay even cause seve tion, nausea, diarrhea	ng. Wash contaminated clothing befor ohysician. ere skin irritation or mild burn. Expos a, and vomiting
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to obysician or poison control center immediately Most important symptoms and effects, bot	o an unconscious person. Call a <u>n</u> . <u>h acute and delayed Symptoms</u> as and upper respiratory tract. Pro- ss and discomfort. May cause gas	Wash with soap agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s	contaminated clothir ation persists, call a p nay even cause seve tion, nausea, diarrhea	ng. Wash contaminated clothing befor ohysician. ere skin irritation or mild burn. Expos a, and vomiting
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to obysician or poison control center immediately. Most important symptoms and effects, bot May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing co Suitable Extinguishing Media Carbon	o an unconscious person. Call a 7. h acute and delayed Symptoms as and upper respiratory tract. Pro- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra	Wash with soap agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s IG MEASURES	contaminated clothir ation persists, call a p nay even cause seve tion, nausea, diarrhea skin allergies, respirat	ng. Wash contaminated clothing befor ohysician. ere skin irritation or mild burn. Expos a, and vomiting
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to obysician or poison control center immediately. Most important symptoms and effects, bot May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing ca Suitable Extinguishing Media Carbon Unsuitable Extinguishing Media Not determ	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined.	Wash with soap agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s IG MEASURES ay (fog). Dry chem	contaminated clothin ation persists, call a p nay even cause seve tion, nausea, diarrhea skin allergies, respirat ical. Chemical foam.	ng. Wash contaminated clothing befor ohysician. ere skin irritation or mild burn. Expos a, and vomiting ory disorders, eye disorders.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to obysician or poison control center immediately. Most important symptoms and effects, bot May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing ca Suitable Extinguishing Media Carbon Jnsuitable Extinguishing Media Not determ Specific hazards arising from the chemical	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined.	Wash with soap agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s IG MEASURES ay (fog). Dry chem <u>Protective eq</u>	contaminated clothin ation persists, call a p nay even cause seve tion, nausea, diarrhea kin allergies, respirat ical. Chemical foam. upment and precau	ng. Wash contaminated clothing befor ohysician. ere skin irritation or mild burn. Expos a, and vomiting
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to bysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing con- Suitable Extinguishing Media Carbon Jnsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve o steam buildup. Floor will become slippery if	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Priss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water sprained. Ined. ant container rupture due material is released. Material is	Wash with soar agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s IG MEASURES ay (fog). Dry chem Protective eg As in any fire, demand, MSH	contaminated clothin ation persists, call a p nay even cause seve tion, nausea, diarrhea kin allergies, respirat ical. Chemical foam. uppment and precative wear self-contained b	ng. Wash contaminated clothing befor ohysician. ere skin irritation or mild burn. Expos a, and vomiting ory disorders, eye disorders.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to bysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing con- Suitable Extinguishing Media Carbon Jnsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve o steam buildup. Floor will become slippery if	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Priss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ent container rupture due material is released. Material is llowed to directly contact the eyes	Wash with soar agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s IG MEASURES ay (fog). Dry chem Protective en As in any fire, demand, MSH	contaminated clothin ation persists, call a p nay even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precau wear self-contained b IA/NIOSH (approved	ng. Wash contaminated clothing befor ohysician. ere skin irritation or mild burn. Expos a, and vomiting ory disorders, eye disorders.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to physician or poison control center immediately. Most important symptoms and effects, bot May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing car Suitable Extinguishing Media Carbon Jnsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve o steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is a	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ent container rupture due material is released. Material is llowed to directly contact the eyes 6. ACCIDENTAL REL	Wash with soar agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s IG MEASURES ay (fog). Dry chem Protective eo As in any fire, demand, MSH S. LEASE MEASUR	contaminated clothin ation persists, call a p nay even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uppment and precat wear self-contained b IA/NIOSH (approved	ng. Wash contaminated clothing befor ohysician. ere skin irritation or mild burn. Expos a, and vomiting ory disorders, eye disorders. utions for firefighters oreathing apparatus pressure- or equivalent) and full protective gear
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to bysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing con- Suitable Extinguishing Media Carbon Jnsuitable Extinguishing Media Carbon Jnsuitable Extinguishing Media Not determ Specific hazards arising from the chemical (keep containers cool with water spray to prevent o steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is a Personal precautions, protective equipment	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Priss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ant container rupture due material is released. Material is llowed to directly contact the eyes 6. ACCIDENTAL REL and emergency procedures	Wash with soar agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita s skin disorders, s IG MEASURES ay (fog). Dry chem Protective eq As in any fire, demand, MSH s. LEASE MEASUR Use person Methods for	contaminated clothin ation persists, call a p nay even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precau wear self-contained b IA/NIOSH (approved	ng. Wash contaminated clothing befor obysician. are skin irritation or mild burn. Expos a, and vomiting ory disorders, eye disorders. utions for firefighters or equivalent) and full protective gear ment as required.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to bysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing of Suitable Extinguishing Media Carbon Unsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve o steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is an Personal precautions, protective equipment Methods and material for containment and	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ent container rupture due material is released. Material is llowed to directly contact the eyess 6. ACCIDENTAL REL ht and emergency procedures cleaning up Methods for of	Wash with soap agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita s: skin disorders, s IG MEASURES ay (fog). Dry chem Protective eq As in any fire, demand, MSH S. LEASE MEASUR Use perso Methods for Prevent furt cleaning up	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uppment and precat wear self-contained b IA/NIOSH (approved ES onal protective equipt or containment her leakage or spillag	ng. Wash contaminated clothing befor obysician. ere skin irritation or mild burn. Expose a, and vomiting ory disorders, eye disorders. utions for firefighters preathing apparatus pressure- or equivalent) and full protective gear ment as required. ge if safe to do so.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to bysician or poison control center immediately. Most important symptoms and effects, bot May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing of Suitable Extinguishing Media Carbon Unsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve o s team buildup. Floor will become slippery if alkaline and will irritate the eyes if product is a Personal precautions, protective equipmen Methods and material for containment and Wash small spills to sanitary sewer. Large spi	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ent container rupture due material is released. Material is llowed to directly contact the eyes 6. ACCIDENTAL REL ht and emergency procedures cleaning up Methods for of lls-confine spill, soak up with appr	Wash with soap agents. Take off reuse. If skin irrit stoolonged contact r strointestinal irrita strointestinal irrita strointestina stroin	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precat wear self-contained b IA/NIOSH (approved ES onal protective equipm or containment her leakage or spillag and shovel product in	ng. Wash contaminated clothing befor obysician. ere skin irritation or mild burn. Expose a, and vomiting ory disorders, eye disorders. utions for firefighters or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to bysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing of Suitable Extinguishing Media Carbon Unsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve o steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is an Personal precautions, protective equipment Methods and material for containment and	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ent container rupture due material is released. Material is llowed to directly contact the eyess 6. ACCIDENTAL REL nt and emergency procedures cleaning up Methods for of lls-confine spill, soak up with appr tify the National Response Center	Wash with soap agents. Take off reuse. If skin irrit stoolonged contact r strointestinal irrita strointestinal irrita strointestina stroin	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precat wear self-contained b IA/NIOSH (approved ES onal protective equipm or containment her leakage or spillag and shovel product in	ng. Wash contaminated clothing befor obysician. ere skin irritation or mild burn. Expose a, and vomiting ory disorders, eye disorders. utions for firefighters or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to bysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing or Suitable Extinguishing Media Carbon Unsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve o steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is a Personal precautions, protective equipment Methods and material for containment and Wash small spills to sanitary sewer. Large spi For spills in excess of allowable limits (RQ) no	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ent container rupture due material is released. Material is llowed to directly contact the eyess 6. ACCIDENTAL REL nt and emergency procedures cleaning up Methods for of lls-confine spill, soak up with appr tify the National Response Center	Wash with soap agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita strointestinal ir	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precat wear self-contained b IA/NIOSH (approved ES onal protective equipm or containment her leakage or spillag and shovel product in	ng. Wash contaminated clothing befor obysician. ere skin irritation or mild burn. Expose a, and vomiting ory disorders, eye disorders. utions for firefighters or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to bysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians_Treat symptomatically. Existing or Suitable Extinguishing Media Carbon Unsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve o steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is a Personal precautions, protective equipment Methods and material for containment and Wash small spills to sanitary sewer. Large spi For spills in excess of allowable limits (RQ) no nstructions concerning reporting requirement Precautions for safe handling Handle	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ent container rupture due material is released. Material is llowed to directly contact the eyess 6. ACCIDENTAL REL th and emergency procedures cleaning up Methods for of lls-confine spill, soak up with appr tify the National Response Center s. 7. HANDLING A in accordance with good industria	Wash with soap agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita strointestinal ir	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precat wear self-contained b IA/NIOSH (approved ES onal protective equipm or containment her leakage or spillag and shovel product in refer to 40 CFR 302 ety practice. Do not b	ng. Wash contaminated clothing befor bhysician. ere skin irritation or mild burn. Expose a, and vomiting cory disorders, eye disorders. utions for firefighters preathing apparatus pressure- or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal. for detailed reathe dust/fume/gas/mist/vapors/
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to bysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane individuals may experience eye tearing, redne Physicians Treat symptomatically. Existing co Suitable Extinguishing Media Carbon Unsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to prever o steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is a Personal precautions, protective equipment Methods and material for containment and Wash small spills to sanitary sewer. Large spi For spills in excess of allowable limits (RQ) no nstructions concerning reporting requirement Precautions for safe handling Handle spray. Wash thoroughly after handling. Use pre- spinal spills and the spinal spills to sanitary sever handling. Use pre- spinal spills and spills to sanitary sever.	o an unconscious person. Call a 7. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ant container rupture due material is released. Material is llowed to directly contact the eyess 6. ACCIDENTAL REL nt and emergency procedures cleaning up Methods for of tify the National Response Center s. 7. HANDLING A in accordance with good industrial ersonal protection recommended	Wash with soap agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s IG MEASURES ay (fog). Dry chem Protective eo As in any fire, demand, MSH EASE MEASUR Use perso Methods for Prevent furt cleaning up roved absorbent, a r (800) 424-8802; MD STORAGE I hygiene and safe in Section 8. Prote	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precau wear self-contained b IA/NIOSH (approved ES onal protective equipror or containment her leakage or spillag and shovel product in refer to 40 CFR 302 ety practice. Do not b ect container from phy	ng. Wash contaminated clothing befor bhysician. ere skin irritation or mild burn. Expose a, and vomiting ory disorders, eye disorders. utions for firefighters or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal. for detailed reathe dust/fume/gas/mist/vapors/ ysical damage.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to any cause irritation to the mucous membrane andividuals may experience eye tearing, redner Physicians Treat symptomatically. Existing con- Source and the symptomatically. Existing con- structions concerning reporting requirement Storage Conditions for safe handling Handle storage Conditions Keep tightly closes Storage Conditions Store and the symptomatical symptomatis sympto	o an unconscious person. Call a 7. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ant container rupture due material is released. Material is llowed to directly contact the eyess 6. ACCIDENTAL REL nt and emergency procedures cleaning up Methods for of tify the National Response Center s. 7. HANDLING A in accordance with good industrial ersonal protection recommended	Wash with soap agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s IG MEASURES ay (fog). Dry chem Protective eo As in any fire, demand, MSH EASE MEASUR Use perso Methods for Prevent furt cleaning up roved absorbent, a r (800) 424-8802; MD STORAGE I hygiene and safe in Section 8. Prote	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precau wear self-contained b IA/NIOSH (approved ES onal protective equipror or containment her leakage or spillag and shovel product in refer to 40 CFR 302 ety practice. Do not b ect container from phy	ng. Wash contaminated clothing befor bhysician. ere skin irritation or mild burn. Expose a, and vomiting cory disorders, eye disorders. utions for firefighters preathing apparatus pressure- or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal. for detailed reathe dust/fume/gas/mist/vapors/
Thisse mouth. Do NOT induce vomiting. Inmediately. Never give anything by mouth the hysician or poison control center immediately. Most important symptoms and effects, bother May cause irritation to the mucous membrane individuals may experience eye tearing, redner Physicians_Treat symptomatically. Existing con- suitable Extinguishing Media Carbony Insuitable Extinguishing Media Carbony Insuitable Extinguishing from the chemical Geop containers cool with water spray to prever to steam buildup. Floor will become slippery if Ikaline and will irritate the eyes if product is an Personal precautions, protective equipment Methods and material for containment and Vash small spills to sanitary sewer. Large spi for spills in excess of allowable limits (RQ) non- instructions concerning reporting requirement Precautions for safe handling Handle pray. Wash thoroughly after handling. Use pre- tor age Conditions Keep tightly close incompatible materials Strong oxidizing and the strong oxidizing and Strong oxid	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ent container rupture due material is released. Material is llowed to directly contact the eyess 6. ACCIDENTAL REL of and emergency procedures cleaning up Methods for of tify the National Response Center s. 7. HANDLING A in accordance with good industrial ersonal protection recommended in d in a dry, cool and well-ventilated	Wash with soar agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s IG MEASURES ay (fog). Dry chem Protective eq As in any fire, demand, MSH EASE MEASUR Use perso Methods for Prevent furt cleaning up roved absorbent, a r (800) 424-8802; IND STORAGE I hygiene and safi in Section 8. Prote	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precau wear self-contained b IA/NIOSH (approved ES onal protective equipror or containment her leakage or spillag and shovel product in refer to 40 CFR 302 ety practice. Do not b ect container from phy of reach of children. I	ng. Wash contaminated clothing befor bhysician. ere skin irritation or mild burn. Expose a, and vomiting ory disorders, eye disorders. utions for firefighters or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal. for detailed reathe dust/fume/gas/mist/vapors/ ysical damage.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to hysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane individuals may experience eye tearing, redne Physicians Treat symptomatically. Existing car Suitable Extinguishing Media Carbon Unsuitable Extinguishing Media Carbon Unsuitable Extinguishing Media Carbon Unsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve to steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is a Personal precautions, protective equipment Methods and material for containment and Wash small spills to sanitary sewer. Large spi for spills in excess of allowable limits (RQ) no nstructions concerning reporting requirement Precautions for safe handling Handle storage Conditions Keep tightly close incompatible materials Strong oxidizing a Exposure Guidelines	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Priss as and discomfort. May cause gas bonditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ent container rupture due material is released. Material is llowed to directly contact the eyes 6. ACCIDENTAL REL to and emergency procedures cleaning up Methods for of Ils-confine spill, soak up with appr tify the National Response Center s. 7. HANDLING A in accordance with good industrial ersonal protection recommended in d in a dry, cool and well-ventilated agents. strong acids. 8. EXPOSURE CONTROLS/	Wash with soar agents. Take off reuse. If skin irrit olonged contact r strointestinal irrita skin disorders, s IG MEASURES ay (fog). Dry chem Protective eg As in any fire, demand, MSH EASE MEASUR Use person Methods for Prevent furt cleaning up roved absorbent, a r (800) 424-8802; IND STORAGE I hygiene and safe in Section 8. Protection place. Keep out	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precau wear self-contained b IA/NIOSH (approved ES onal protective equipment her leakage or spillag and shovel product in refer to 40 CFR 302 ety practice. Do not b ect container from phy of reach of children. I	ng. Wash contaminated clothing befor ohysician. ere skin irritation or mild burn. Expose a, and vomiting ory disorders, eye disorders. utions for firefighters or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal. for detailed reathe dust/fume/gas/mist/vapors/ ysical damage. Protect from extreme temperatures.
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to bysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians_Treat symptomatically. Existing or Suitable Extinguishing Media Carbon Jnsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve o steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is a Personal precautions, protective equipment Methods and material for containment and Wash small spills to sanitary sewer. Large spi For spills in excess of allowable limits (RQ) no nstructions concerning reporting requirement Precautions for safe handling Handle spray. Wash thoroughly after handling. Use pr Storage Conditions Keep tightly close ncompatible materials Strong oxidizing a Chemical Name	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Pri- ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ant container rupture due material is released. Material is llowed to directly contact the eyess 6. ACCIDENTAL REL of and emergency procedures cleaning up Methods for of lls-confine spill, soak up with appr tify the National Response Center s. 7. HANDLING A in accordance with good industrial ersonal protection recommended in d in a dry, cool and well-ventilated agents. strong acids.	Wash with soap agents. Take off reuse. If skin irrit solonged contact r strointestinal irrita skin disorders, s G MEASURES ay (fog). Dry chem Protective eq As in any fire, demand, MSH LEASE MEASUR Use person Methods for Prevent furt cleaning up roved absorbent, a r (800) 424-8802; IND STORAGE I hygiene and safe in Section 8. Prote d place. Keep out	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precau wear self-contained b IA/NIOSH (approved ES onal protective equipror or containment her leakage or spillag and shovel product in refer to 40 CFR 302 ety practice. Do not b ect container from phy of reach of children. I	ng. Wash contaminated clothing before bysician. are skin irritation or mild burn. Expose a, and vomiting cory disorders, eye disorders. utions for firefighters breathing apparatus pressure- or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal. for detailed reathe dust/fume/gas/mist/vapors/ ysical damage. Protect from extreme temperatures. NIOSH IDLH
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to hysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane individuals may experience eye tearing, redne Physicians Treat symptomatically. Existing car Suitable Extinguishing Media Carbon Unsuitable Extinguishing Media Carbon Unsuitable Extinguishing Media Carbon Unsuitable Extinguishing Media Not determ Specific hazards arising from the chemical Keep containers cool with water spray to preve to steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is a Personal precautions, protective equipment Methods and material for containment and Wash small spills to sanitary sewer. Large spi for spills in excess of allowable limits (RQ) no nstructions concerning reporting requirement Precautions for safe handling Handle storage Conditions Keep tightly close incompatible materials Strong oxidizing a Exposure Guidelines	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Priss as and discomfort. May cause gas bonditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra- ined. ent container rupture due material is released. Material is llowed to directly contact the eyes 6. ACCIDENTAL REL to and emergency procedures cleaning up Methods for of Ils-confine spill, soak up with appr tify the National Response Center s. 7. HANDLING A in accordance with good industrial ersonal protection recommended in d in a dry, cool and well-ventilated agents. strong acids. 8. EXPOSURE CONTROLS/	Wash with soap agents. Take off reuse. If skin irrit solonged contact r strointestinal irrita skin disorders, s IG MEASURES IG MEASURES ay (fog). Dry chem Protective eq As in any fire, demand, MSF LEASE MEASUR Use perso Methods for Prevent furt cleaning up roved absorbent, a r (800) 424-8802; IND STORAGE I hygiene and safe in Section 8. Prote d place. Keep out PERSONAL PRO	contaminated clothin ation persists, call a p nay even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uppment and precat wear self-contained b IA/NIOSH (approved ES onal protective equipror or containment her leakage or spillag and shovel product in refer to 40 CFR 302 ety practice. Do not b ect container from ph of reach of children. I DTECTION SHA PEL n TWA: 240 mg/m3 A: 25 ppm (vacated)	ng. Wash contaminated clothing before bysician. are skin irritation or mild burn. Expose a, and vomiting cory disorders, eye disorders. utions for firefighters breathing apparatus pressure- or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal. for detailed reathe dust/fume/gas/mist/vapors/ ysical damage. Protect from extreme temperatures. NIOSH IDLH
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to hysician or poison control center immediately. Most important symptoms and effects, both May cause irritation to the mucous membrane ndividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing con- Suitable Extinguishing Media Carbon Jusuitable Extinguishing Media Carbon Jusuitable Extinguishing Media Carbon Jusuitable Extinguishing Media Not determ Specific hazards arising from the chemical (seep containers cool with water spray to preve to steam buildup. Floor will become slippery if alkaline and will irritate the eyes if product is a Personal precautions, protective equipment Methods and material for containment and Vash small spills to sanitary sewer. Large spi For spills in excess of allowable limits (RQ) no nstructions concerning reporting requirement Precautions for safe handling Handle spray. Wash thoroughly after handling. Use pro- Storage Conditions Keep tightly closes incompatible materials Strong oxidizing and Exposure Guidelines Chemical Name 2-Butoxyethanol 111-76-2	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Priss and discomfort. May cause gas conditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water sprained. ant container rupture due material is released. Material is llowed to directly contact the eyes 6. ACCIDENTAL REL th and emergency procedures cleaning up <u>Methods for or S. 7. HANDLING A in accordance with good industria ersonal protection recommended i d in a dry, cool and well-ventilated agents. strong acids. 8. EXPOSURE CONTROLS/ ACGIH TLV TWA: 20 ppm</u>	Wash with soap agents. Take off reuse. If skin irrit stoolonged contact r strointestinal irrita strointestinal irrita strointestinalisti strointestinal ir	contaminated clothin ation persists, call a p nay even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precat wear self-contained b IA/NIOSH (approved ES onal protective equipror or containment her leakage or spillag and shovel product in refer to 40 CFR 302 ety practice. Do not b ect container from phy of reach of children. I DTECTION SHA PEL n TWA: 240 mg/m3	ng. Wash contaminated clothing befor bhysician. ere skin irritation or mild burn. Expose a, and vomiting cory disorders, eye disorders. utions for firefighters breathing apparatus pressure- or equivalent) and full protective gear ment as required. ge if safe to do so. to approved container for disposal. for detailed reathe dust/fume/gas/mist/vapors/ ysical damage. Protect from extreme temperatures. NIOSH IDLH IDLH: 700 ppmTWA: 5 ppm TW/
Rinse mouth. Do NOT induce vomiting. mmediately. Never give anything by mouth to any single problem individuals may experience eye tearing, redner and individuals may experience eye tearing, redner any single problem individuals may experience eye tearing, redner any single problem individuals may experience eye tearing, redner any single problem individuals may experience eye tearing, redner any single problem individuals may experience eye tearing, redner any single problem individuals may experience eye tearing, redner any single problem individuals may experience eye tearing, redner any single problem individuals may experience eye tearing, redner any single problem individuals may experience eye tearing, redner any single problem individuals may experience eye tearing, redner any single problem individuals may experience eye tearing, redner any single problem individuals may experience eye tearing. The problem is a problem in the chemical for containment and any singles to sanitary sever. Large spit for spills in excess of allowable limits (RQ) no nestructions concerning reporting requirement in the providual spills to sanitary sever. Large spit for spills in excess of allowable limits (RQ) no nestructions concerning reporting requirement is the eye of the providual set is a strong oxidizing a strong oxidizing any set thoroughly after handling. Use provide any set thoroughly after handling	o an unconscious person. Call a // h acute and delayed Symptoms as and upper respiratory tract. Pri ss and discomfort. May cause gas onditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water spra ined. ant container rupture due material is released. Material is llowed to directly contact the eyes 6. ACCIDENTAL REL int and emergency procedures cleaning up Methods for of lls-confine spill, soak up with appr tify the National Response Center s. 7. HANDLING A in accordance with good industria ersonal protection recommended i d in a dry, cool and well-ventilated agents. strong acids. 8. EXPOSURE CONTROLS/	Wash with soap agents. Take off reuse. If skin irrit solonged contact r strointestinal irrita strointestinal irrita strointestinal irrita strointestinal irrita strointestinal irrita strointestinal irrita strointestinal irrita strointestinal irrita strointestinal irrita strointestinal irrita methods for Prevent furt cleaning up roved absorbent, a r (800) 424-8802; Ind STORAGE I hygiene and safe in Section 8. Prote d place. Keep out PERSONAL PRO TWA: 50 ppm (vacated) TW TWA: 2 r	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uppment and precat wear self-contained b IA/NIOSH (approved ES onal protective equipr or containment her leakage or spillag and shovel product in refer to 40 CFR 302 ety practice. Do not b ect container from phy of reach of children. I DTECTION SHA PEL n TWA: 240 mg/m3 A: 25 ppm (vacated) 120 mg/m3	ng. Wash contaminated clothing before bysician. The skin irritation or mild burn. Expose a, and vomiting cory disorders, eye disorders. The skin irritation or mild burn. Expose a, and vomiting cory disorders, eye disorders. The state of
Reserve Solution NoT induce vomiting. Inserve Mouth Do NOT induce vomiting. Inserve Mouth Never give anything by mouth to the hysician or poison control center immediately. Asst important symptoms and effects. both Aay cause irritation to the mucous membrane dividuals may experience eye tearing, redne Physicians Treat symptomatically. Existing control center immediately. Residuals Treat symptomatically. Existing control center immediately. Residuals Extinguishing Media Carbon Insuitable Extinguishing Media Carbon Insuitable Extinguishing Media Carbon Insuitable Extinguishing Media Carbon Insuitable Extinguishing Media Not determinate the eyes if product is a Secondal precautions, protective equipment Extended and material for containment and Vash small spills to sanitary sewer. Large spi For spills in excess of allowable limits (RQ) no astructions concerning reporting requirement Precautions for safe handling Handle pray. Wash thoroughly after handling. Use precionage Conditions Keep tightly close Chemical Name 2-Butoxyethanol 1111-76-2 111-76-2	o an unconscious person. Call a /. h acute and delayed Symptoms as and upper respiratory tract. Priss and discomfort. May cause gas conditions aggravated by exposure 5. FIRE-FIGHTIN dioxide (CO2). Water. Water sprained. ant container rupture due material is released. Material is llowed to directly contact the eyes 6. ACCIDENTAL REL th and emergency procedures cleaning up <u>Methods for or S. 7. HANDLING A in accordance with good industria ersonal protection recommended i d in a dry, cool and well-ventilated agents. strong acids. 8. EXPOSURE CONTROLS/ ACGIH TLV TWA: 20 ppm</u>	Wash with soap agents. Take off reuse. If skin irrit solonged contact r strointestinal irrita strointestinal irrita methods for Prevent furt cleaning up roved absorbent, i r (800) 424-8802; IND STORAGE I hygiene and safa in Section 8. Prote d place. Keep out PERSONAL PRO TWA: 50 ppr (vacated) TWA TWA: 2 r Ceilir	contaminated clothin ation persists, call a p may even cause seve tion, nausea, diarrhea ikin allergies, respirat ical. Chemical foam. uipment and precat wear self-contained b IA/NIOSH (approved ES onal protective equipm or containment her leakage or spillag and shovel product in refer to 40 CFR 302 ety practice. Do not b ect container from phy of reach of children. I DTECTION SHA PEL n TWA: 240 mg/m3 A: 25 ppm (vacated) 120 mg/m3 ng/m3(vacated)	ng. Wash contaminated clothing befor bhysician. are skin irritation or mild burn. Expose a, and vomiting ory disorders, eye disorders. utions for firefighters breathing apparatus pressure- or equivalent) and full protective gear ment as required. ye if safe to do so. to approved container for disposal. for detailed reathe dust/fume/gas/mist/vapors/ ysical damage. Protect from extreme temperatures. NIOSH IDLH IDLH: 700 ppmTWA: 5 ppm TW/ 24 mg/m3 IDLH: 10 mg/m3

SmartWash® Hot 204											
Individual protection measure	s, such as p	ersonal protectiv	ve equipment								
Eye/face protection Wea	ar approved :	safety goggles.		Skin and body protection Neoprene, butyl or nitrile rubber gloves with							
Respiratory protection Non	e required w	hile threshold limits	s are kept	cuffs. Wear impervious protective clothing, including boots, gloves, lab coat,							
below maximum allowable conce	entrations; if	TWA exceeds limit	s, NIOSH	apron or coveralls, as appropriate, to prevent skin contact.							
approved respirator must be wor	n. Respirato	ry protection must I	be provided in	General Hygiene Considerations							
accordance with 29 CFR1910.13	accordance with 29 CFR1910.134 European Standard EN 149				Handle in accordance with good industrial hygiene and safety practice.						
		9. PHYS	ICAL AND CHE	MICAL PROP	ERTIES						
Information on basic physical	and chemic	al properties									
Melting point/freezing point	Not determi	ned Vapor pr	essure	17 mm Hg Kinemat		Kinematic	viscosity Not determine				
Boiling point/boiling range	100 °C / 212	Pr Vapor de	ensity	>1		Dynamic v	iscosity	Not determined			
Flash point	Non-flamma	ble Specific	Gravity	1.038		Explosive	properties	Not determined			
Evaporation rate	<1	Water so	olubility	Compl	etely soluble	Oxidizing p	properties				
Flammability (solid, gas)	n/a-liquid	pН		13.0 -	13.5						
Flammability Limits in Air		Partition	coefficient	Not de	termined						
Upper flammability limits	Not applicat	ole Autoigni	tion temperatu	re Not de	termined						
Lower flammability limit	Not applicat	-	osition tempera		termined						
		-	. STABILITY AN		ΓY						
Reactivity Not reactive und	ler normal co		hemical stabilit			der recomn	nended storad	ge conditions.			
Possibility of Hazardous Reac	tions	None under norma		_	polymerizat		oes not occur.	-			
Conditions to avoid Extr	eme tempera	atures. Incom	patible materia	ls Strong	oxidizing age	nts. strong a	acids.				
Hazardous Decomposition	Products 1 4 1	Decomposition v	will not occur if h	andled and sto	ored properly.	In case of fir	e, oxides of ca	rbon, hydrocarbons,			
fumes or vapors, and smoke may	y be produce	ed.									
		11. 1	TOXICOLOGICA	AL INFORMAT	ION						
Information on likely routes of	exposure_	Inhalation	Avoid breat	thing vapors or	mists.	Eye contac	t Causes s	erious eye damage.			
		Skin Conta	ct Causes ski	n irritation.		Ingestion	Do not taste	e or swallow.			
Component Information											
Chemical Name		Oral LD50			Dermal 50		Inhalation LC50				
2-Butoxyethanol 111-76-2		470 mg/kg (Rat)			Rabbit) 2270 m		t) 2.21 mg/kg (Rat) 4h 450 ppm(Rat) 4				
Sodium hydroxide 1310-73-2		-			0 mg/kg (Rabb			-			
Delayed and immediate efects as well as chronic effects fromsort and long-term exposure											
Carcinogenicity Not classifiable as a human carcinogen.											
	able as a hu	man carcinogen.		inonic enects	<u>In offision and</u>		<u>expectite</u>				
Carcinogenicity Not classific Numerical measures of toxicit	able as a hu	man carcinogen. Not determine	ed.								
Numerical measures of toxicit	able as a hui <u>y- Product</u>	man carcinogen. Not determine 12	ed. . ECOLOGICAL	. INFORMATIC	DN						
Numerical measures of toxicit Ecotoxicity An environment	able as a hui y- Product al hazard ca	man carcinogen. Not determine	ed. . ECOLOGICAL n the event of un	. INFORMATIC	DN	posal					
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability	able as a hui <u>y- Product</u> al hazard ca	man carcinogen. Not determine 12	ed. ECOLOGICAL n the event of un <u>Bioac</u>	. INFORMATIC professional h cumulation	DN andling or dis	oosal <u>Mobility</u>	Othe	er adverse effects			
Numerical measures of toxicit Ecotoxicity An environment	able as a hui <u>y- Product</u> al hazard ca	nan carcinogen. Not determine 12 nnot be excluded ir	ed. ECOLOGICAL In the event of un <u>Bioac</u> Not d	. INFORMATIC professional h cumulation etermined.	DN andling or dis I	posal	Othe	er adverse effects Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter	able as a hui <u>y- Product</u> al hazard ca mined.	man carcinogen. Not determine 12 nnot be excluded ir 13.	ed. <u>ECOLOGICAL</u> n the event of un <u>Bioac</u> Not d DISPOSAL CO	INFORMATIC professional h cumulation etermined. NSIDERATIO	DN andling or disj NS	oosal <u>Mobility</u> Not determin	Othe	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability	able as a hui <u>y- Product</u> al hazard ca mined.	man carcinogen. Not determine 12 nnot be excluded ir 13. ckaging Disp	ed. • ECOLOGICAL • the event of un Bioace Not d • DISPOSAL CO osal should be ir	INFORMATIC professional h <u>cumulation</u> etermined. INSIDERATIO	DN andling or dis NS vith applicable	oosal <u>Mobility</u> Not determin	Othe				
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta Disposal of wastes and Conta	able as a hui y- Product al hazard ca mined. minated par	man carcinogen. Not determine 12 nnot be excluded ir 13. ckaging Disp 14	ed. • ECOLOGICAL • the event of un Bioace Not d • DISPOSAL CO osal should be in • TRANSPORT	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC	DN andling or dis NS vith applicable	oosal <u>Mobility</u> Not determin	Othe	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter	able as a hui y- Product al hazard ca mined. minated pao	man carcinogen. Not determine 12 nnot be excluded ir 13. ckaging Disp 14 ulated <u>IMDG</u>	ed. • ECOLOGICAL • the event of un Bioace Not d • DISPOSAL CO osal should be in • TRANSPORT • Not regulat	INFORMATIC professional h cumulation etermined. INSIDERATIO n accordance w INFORMATIC ed	DN andling or dis NS vith applicable N	oosal <u>Mobility</u> Not determin	Othe	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta Dot Not regulated IAT.	able as a hui y- Product al hazard ca mined. minated par	man carcinogen. Not determine 12 nnot be excluded ir 13. ckaging Disp 14 ulated <u>IMDG</u>	ed. • ECOLOGICAL • the event of un Bioace Not d • DISPOSAL CO osal should be in • TRANSPORT	INFORMATIC professional h cumulation etermined. INSIDERATIO n accordance w INFORMATIC ed	DN andling or dis NS vith applicable N	oosal <u>Mobility</u> Not determin	Othe	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta Dot	able as a hui y- Product al hazard ca mined. minated par	man carcinogen. Not determine 12 nnot be excluded ir 13. ckaging Disp 14 ulated IMDG 15.	ed. • ECOLOGICAL • the event of un Bioace Not d • DISPOSAL CO osal should be in • TRANSPORT • Not regulat • REGULATORY	INFORMATIC professional h cumulation etermined. INSIDERATIO n accordance w INFORMATIC ed	DN andling or dis NS vith applicable N DN	oosal <u>Mobility</u> Not determin	Othe ed. tional and local	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta Dot DOT Not regulated IAT/ US Federal Regulations Chemical Name	able as a hui y- Product al hazard ca mined. minated par	man carcinogen. Not determine 12 nnot be excluded in 13. ckaging Disp 14 ulated IMDG 15. CAS Num	ed. • ECOLOGICAL • the event of un Bioac: Not d • DISPOSAL CO osal should be in • TRANSPORT • Not regulat • REGULATORY • ber	INFORMATIC professional h cumulation etermined. INSIDERATIO n accordance w INFORMATIC ed	DN andling or dis NS vith applicable N DN Weight-%	oosal <u>Mobility</u> Not determin	Othe ed. tional and local	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta Dot DOT Not regulated IAT/ US Federal Regulations Chemical Name 2-Butoxyethanol 2-Butoxyethanol	able as a hui y- Product al hazard ca mined. minated par	man carcinogen. Not determine 12 nnot be excluded ir 13. ckaging Disp 14 ulated IMDG 15.	ed. • ECOLOGICAL • the event of un Bioac: Not d • DISPOSAL CO osal should be in • TRANSPORT • Not regulat • REGULATORY • ber	INFORMATIC professional h cumulation etermined. INSIDERATIO n accordance w INFORMATIC ed	DN andling or dis NS vith applicable N DN	oosal <u>Mobility</u> Not determin	Othe ed. tional and local	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta US Federal Regulations Chemical Name 2-Butoxyethanol	able as a hui y- Product al hazard ca mined. minated par	man carcinogen. Not determine 12 nnot be excluded in 13. ckaging Disp 14 ulated IMDG 15. CAS Num	ed. • ECOLOGICAL • the event of un Bioac: Not d • DISPOSAL CO osal should be in • TRANSPORT • Not regulat • REGULATORY • ber	INFORMATIC professional h cumulation etermined. INSIDERATIO n accordance w INFORMATIC ed	DN andling or dis NS vith applicable N DN Weight-%	oosal <u>Mobility</u> Not determin	Othe ed. tional and local	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta Dot DOT Not regulated IAT/ US Federal Regulations Chemical Name 2-Butoxyethanol Participant Partit	able as a hui y- Product al hazard ca mined. minated par	man carcinogen. Not determine 12 nnot be excluded in 13. ckaging Disp 14 ulated IMDG 15. CAS Num	ed. • ECOLOGICAL • the event of un Bioac: Not d • DISPOSAL CO osal should be ir • TRANSPORT • Not regulat • REGULATORY • ber 2 • • • • • • • • • • • • •	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC ed (INFORMATIC	DN andling or dis NS vith applicable N DN Weight-%	oosal <u>Mobility</u> Not determin	Othe ed. tional and local	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta DOT Not regulated IAT/ US Federal Regulations Chemical Name 2-Butoxyethanol Not determined.	able as a hui y- Product al hazard ca mined. minated par	man carcinogen. Not determine 12 nnot be excluded in 13. ckaging Disp 14 ulated IMDG 15. CAS Num	ed. • ECOLOGICAL • the event of un Bioac: Not d • DISPOSAL CO osal should be in • TRANSPORT • Not regulat • REGULATORY • ber	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC ed (INFORMATIC	DN andling or dis NS vith applicable N DN Weight-%	oosal <u>Mobility</u> Not determin	Othe ed. tional and local	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta US Federal Regulations Chemical Name 2-Butoxyethanol	able as a hui y- Product al hazard ca mined. minated par Mot reg	man carcinogen. Not determine 12 nnot be excluded in 13. ckaging Disp 14 ulated IMDG 15. CAS Numl 111-76-2	ed. ECOLOGICAL the event of un Bioacc Not d DISPOSAL CO osal should be ir TRANSPORT Not regulat REGULATORY ber 2 16. OTHER INI	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC ed / INFORMATIC	DN andling or dis NS vith applicable N V V V V V V V V V V V V V V V V V V	bosal Mobility Not determin regional, nat	Othe ed. tional and local	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta DOT Not regulated IAT/ US Federal Regulations Chemical Name 2-Butoxyethanol Not determined.	able as a hui y- Product al hazard ca mined. minated par Mot reg	man carcinogen. Not determine 12 Not determine 13 Not be excluded in 13. Ckaging Disp 14 Ulated IMDG 15 CAS Num 111-76-2 IIII-76-2 IIII-76-2 IIII-76-2 IIIII-76-2 IIIII-76-2 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ed. ECOLOGICAL the event of un Bioacc Not d DISPOSAL CO osal should be in TRANSPORT Not regulat REGULATORY ber 2 16. OTHER INI Flamma	INFORMATIC professional h cumulation etermined. NSIDERATIO accordance w INFORMATIC ed (INFORMATIC FORMATION	DN andling or dis NS vith applicable N DN Veight-% 3 - 7 I I I I I I I I I I I I I I I I I I I	bosal Mobility Not determin regional, nat	Othe ed. tional and local	Not determined Iaws and regulations. Threshold Values % 1 Special Hazards			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta DOT Not regulated IAT/ US Federal Regulations Chemical Name 2-Butoxyethanol Not determined. NFPA NFPA	able as a hui y- Product al hazard ca mined. minated par Mot reg	man carcinogen. Not determine 12 nnot be excluded in 13. ckaging Disp 14 ulated IMDG 15. CAS Numl 111-76-2	ed. ECOLOGICAL the event of un Bioacc Not d DISPOSAL CO osal should be ir TRANSPORT Not regulat REGULATORY ber 2 16. OTHER INI	INFORMATIC professional h cumulation etermined. NSIDERATIO accordance v INFORMATIC ed (INFORMATIC INFORMATION	DN andling or dis n NS vith applicable N DN Veight-% 3 - 7	bosal Mobility Not determin regional, nat	Othe ed. tional and local SARA 313 -	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta DOT Not regulated IATA US Federal Regulations Chemical Name 2-Butoxyethanol Not determined.	able as a hui y- Product al hazard ca mined. minated par Mot reg	man carcinogen. Not determine 12 Not determine 13 Not be excluded in 13. Ckaging Disp 14 Ulated IMDG 15 CAS Num 111-76-2 IIII-76-2 IIIII-76-2 IIIII-76-2 IIIII-76-2 IIIII-76-2 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ed. ECOLOGICAL the event of un Bioacc Not d DISPOSAL CO osal should be in TRANSPORT Not regulat REGULATORY I. I	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC ed (INFORMATIC ED FORMATION ability mined ability	DN andling or dis n NS vith applicable N DN Veight-% 3 - 7	bosal Mobility Not determin regional, nat	Othe ed. tional and local SARA 313 -	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta DOT Not regulated IAT US Federal Regulations Chemical Name 2-Butoxyethanol Not determined. NFPA NFPA	able as a hui y- Product al hazard ca mined. minated para Mot reg	man carcinogen. Not determine 12 Not determine 13 Not be excluded in 13. Ckaging Disp 14 Ulated IMDG 15. CAS Num 111-76-2 IIII-76-2 IIII-76-2 IIII-76-2 IIII-76-2 IIIII-76-2 IIIII-76-2 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Ad. A ECOLOGICAL In the event of un Bioac: Not d DISPOSAL CO osal should be in A TRANSPORT Not regulat REGULATORY A COTHER INI Flamma Not deter Flamma Not deter Flamma Not deter J	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC ed (INFORMATIC ed FORMATION FORMATION	DN andling or dis NS vith applicable N V V V V V V V V V V V V V V V V V V	bosal Mobility Not determin regional, nat tability tability tability atermined at hazards 0	Othe ed. iional and local	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta Image: Conta structure DOT Not regulated IAT/ US Federal Regulations Chemical Name 2-Butoxyethanol Not determined. Image: Conta structure Image: Conta structure Not determined. Image: Conta structure Image: Conta structure NFPA Image: Conta structure Image: Conta structure NFPA Image: Conta structure Image: Conta structure	able as a hui y- Product al hazard ca mined. minated paragram Mot reg	man carcinogen. Not determine 12 Not determine 13 Not be excluded in 13. Ckaging Disp 14 Ulated IMDG 15. CAS Num 111-76-2 Ulated Idetermined ith hazards 1 ata Sheet is correct	ed. ECOLOGICAL the event of un Bioacc Not d DISPOSAL CO osal should be in TRANSPORT Not regulat REGULATORY COMPARIANCE COMPAR	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC ed (INFORMATIC ed (INFORMATIC FORMATION billity of our know	DN andling or dis NS vith applicable N V Veight-% 3 - 7 Veight-% A - 1 Veight-% A - 1 Veight-% A - 2 Veight-% A	bosal Mobility Not determin regional, nat regional, nat tability tability atermined at hazards 0 ation and b	Othe ed. tional and local	Not determined			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta DOT Not regulated IAT/ US Federal Regulations Chemical Name 2-Butoxyethanol Not determined. NFPA HMIS The information provided in th The information given is desig be considered a warranty or considered a wareaty or consider	able as a hui y- Product al hazard ca mined. minated par Monopole Here No Hore No Ho	Man carcinogen. Not determine 12 not be excluded in 13. ckaging Disp 14 ulated IMDG 15. CAS Num 111-76-2 ckaging 14 ulated impg 111-76-2 determined ith hazards 1 ata Sheet is corr guidance for safe	ed. ECOLOGICAL the event of un Bioacc Not d DISPOSAL CO osal should be in TRANSPORT Not regulat REGULATORY L Flamma Not deter Flamma 0 ect to the best e handling, use ormation relates	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC ed / INFORMATIC ed / INFORMATION bility mined bility of our knowle, processing, s only to the s	DN andling or dis n NS vith applicable N ON Veight-% 3 - 7 Veight-% Gradient of the second of the se	tability tab	Othe ed. tional and local SARA 313 -	Not determined Iaws and regulations. Iaws and regulations. Threshold Values % 1 Special Hazards Not determined Personal protection Not determined ate of its publication. I release and is not to			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta Dot DOT Not regulated IAT/ US Federal Regulations Chemical Name 2-Butoxyethanol Not determined. Not determined. NFPA HMIS The information provided in the information given is designed.	able as a hui y- Product al hazard ca mined. minated par Monopole Here No Hore No Ho	Man carcinogen. Not determine 12 not be excluded in 13. ckaging Disp 14 ulated IMDG 15. CAS Num 111-76-2 ckaging 14 ulated impg 111-76-2 determined ith hazards 1 ata Sheet is corr guidance for safe	ed. ECOLOGICAL the event of un Bioacc Not d DISPOSAL CO osal should be in TRANSPORT Not regulat REGULATORY L Flamma Not deter Flamma 0 ect to the best e handling, use ormation relates	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC ed / INFORMATIC ed / INFORMATION bility mined bility of our knowle, processing, s only to the s	DN andling or dis n NS vith applicable N ON Veight-% 3 - 7 Veight-% Gradient of the second of the se	tability tab	Othe ed. tional and local SARA 313 -	Not determined laws and regulations. laws and regulations. Threshold Values % 1 Special Hazards Not determined Personal protection Not determined ate of its publication. I release and is not to			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta DOT Not regulated IAT/ US Federal Regulations Chemical Name 2-Butoxyethanol Not determined. NFPA HMIS The information provided in th The information given is desig be considered a warranty or considered a wareaty or consider	able as a hui y- Product al hazard ca mined. minated par Monopole Here No Hore No Ho	Man carcinogen. Not determine 12 not be excluded in 13. ckaging Disp 14 ulated IMDG 15. CAS Num 111-76-2 ckaging 14 ulated impg 111-76-2 determined ith hazards 1 ata Sheet is corr guidance for safe	ed. ECOLOGICAL the event of un Bioacc Not d DISPOSAL CO osal should be in TRANSPORT Not regulat REGULATORY I. COTHER INI Flamma Not defer Flamma 0 ect to the best e handling, use prmation relates any process, u	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC ed (INFORMATIC ed FORMATION ability mined ability of our knowle, processing, s only to the s unless specifi	DN andling or dis n NS vith applicable N ON Veight-% 3 - 7 Veight-% Gradient of the second of the se	tability tab	Othe ed. tional and local SARA 313 -	Not determined laws and regulations. laws and regulations. Threshold Values % 1 Special Hazards Not determined Personal protection Not determined ate of its publication. I release and is not to			
Numerical measures of toxicit Ecotoxicity An environment Persistence and degradability Not deter Disposal of wastes and Conta DOT Not regulated IAT/ US Federal Regulations Chemical Name 2-Butoxyethanol Not determined. NFPA HMIS The information provided in th The information given is desig be considered a warranty or considered a wareaty or consider	able as a hui y- Product al hazard ca mined. minated par Monopole Here No Hore No Ho	Man carcinogen. Not determine 12 not be excluded in 13. ckaging Disp 14 ulated IMDG 15. CAS Num 111-76-2 ckaging 14 ulated impg 111-76-2 determined ith hazards 1 ata Sheet is corr guidance for safe	ed. ECOLOGICAL the event of un Bioacc Not d DISPOSAL CO osal should be in TRANSPORT Not regulat REGULATORY L Flamma Not deter Flamma 0 ect to the best e handling, use ormation relates	INFORMATIC professional h cumulation etermined. INSIDERATIO accordance w INFORMATIC ed (INFORMATIC ed FORMATION ability mined ability of our knowle, processing, s only to the s unless specifi	DN andling or dis n NS vith applicable N ON Veight-% 3 - 7 Veight-% Gradient of the second of the se	tability tab	Othe ed. tional and local SARA 313 -	Not determined laws and regulations. laws and regulations. Threshold Values % 1 Special Hazards Not determined Personal protection Not determined ate of its publication. I release and is not to			