DESCO TECHNICAL BULLETIN TB-2032:

Application Instructions Reztore™ Surface & Mat Cleaner





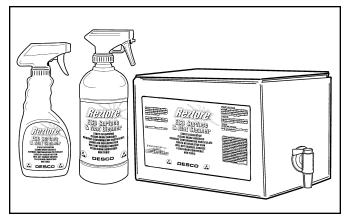


Figure 1. Reztore™ Surface & Mat Cleaner:

Item No. 10434, 16 ounce Item No. 10435, 1 quart

Item No. 10438, 2.5 Gallon Bag-in-Box

Description

Reztore[™] Surface & Mat Cleaner is a non-toxic liquid cleaner used to remove dust, grease, grime, fingerprints, and solder flux from all surfaces used in a static sensitive area. Reztore[™] Surface & Mat Cleaner leaves no insulative residue, contains no alkali or ammonia, and is nonflammable.

General Guidelines

Reztore™ Surface & Mat Cleaner is a liquid cleaner which can be used on a variety of surfaces, especially surfaces used in a static sensitive environment. Surfaces include but are not limited to: rubber, vinyl and polyethylene table and floor mats, field service kits, laminated table tops, tote boxes, epoxy, painted surfaces, plexiglass, glass, metal, 3-ring binders, computer screens, computer keyboards, shelving, push carts, conveyor belts, etc.

Directions

Smooth Surfaces:

Apply Reztore™ Surface & Mat Cleaner to the entire surface to be treated using either the pump or trigger spray bottle. Use a lint-free cloth to wipe the surface until dry. For set stains, let Reztore™ Surface & Mat Cleaner soak on the surface for 30 seconds before wiping clean.

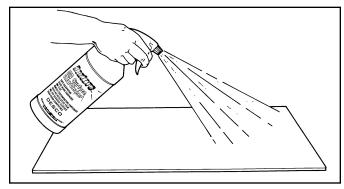


Figure 2. Item No. 10435, 1 Quart Trigger Spray

Other Surfaces - Keyboards:

Dampen a lint-free cloth or a lint-free swab with Reztore[™] Surface & Mat Cleaner. Wipe surface to be cleaned using either the cloth or swab. The swab will work best for tight spots like between keyboard keys. Use the cloth to wipe clean the remaining surfaces of the keyboard.

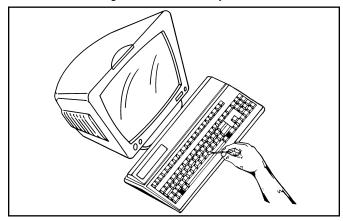


Figure 3. Cleaning a keyboard or computer screen with Reztore™ Surface & Mat Cleaner.

On non-ESD surfaces, Desco recommends using Reztore™ Topical Antistat static dissipative coating. While coating is on the surface it will enhance existing ESD surfaces and will give dissipative electrical properties to insulative surfaces.

Specifications

Appearance of solution: Transparent violet

pH: 6-8

Odor: Slight floral Solubility: Water, acetone,

alcohols

Toxicity, Irritation, Sensitivity: Non-toxic by dermal

contact, or inhalation

Flammability: Non-flammable

Ion Level: (mg/l)

Fluoride 0.3 Sulfate <0.5 Nitrate 1.2 Bromide <0.5 Phosphate <0.5

Electrical Properties (Dry Film):

Resistance, point to point (RTT): 10⁸ ohms (per ESD S4.1)

Static Decay Rate:

<.01 seconds (per FTMS 101C Method 4046)

Testing

It is recommended to test the surfaces after cleaning to ensure that all insulative contaminants such as dirt and grime have been removed. Reztore™ Surface & Mat Cleaner was designed to leave behind a coating which has a surface resistance of 10⁸ ohms or lower.

FIELD TEST:

For quick and easy verification of surface resistance Desco recommends the use of our 19635: Meg Pocket Ohmmeter. For further detailed information on the: Meg ask for Technical Bulletin TB-2083. For testing of static fields, Desco recommends the use of our 19445 Digital Static Field Meter. For detailed information on the Digital Field Meter ask for Technical Bulletin TB-2070.

Features

- Cleans bench surfaces
- Leaves static dissipative layer on surface
- Non-toxic
- Non-streaking, quick drying
- Non-aerosol
- No CFC's water based
- No alkali or ammonia
- Neutral pH
- Low Volatile Organic Solvents

NOTE: ReztoreTM Surface & Mat Cleaner product does not have a set life span. The chemicals are not known to degrade over time when stored at the proper temperature conditions as stated in the Material Safety Data Sheet. We also recommend that this product be stored in its original container and be sealed when not in use.

Limited Warranty

Desco expressly warrants that for a period of one (1) year from the date of purchase, Desco Reztore™ Surface & Mat Cleaner will be free of defects in material. Within the warranty period, the material will be replaced at Desco's option, free of charge. Call our Customer Service Department at 909-627-8178 (Chino, CA) or 781-821-8370 (Canton, MA) for a Return Material Authorization (RMA) and proper shipping instructions and address. You should include a copy of your original packing slip, invoice, or other proof of purchase date. Any material under warranty should be shipped prepaid to the Desco factory. Warrenty replacements will take approximately two weeks.

Warranty Exclusions

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean or repair products.

Limit of Liability

In no event will Desco or any seller be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.

NFPA Designation 704

Degree of Hazard

4 = Extreme 3 = High

1 = Slight

2 = Moderate

0 = Insignificant

Flammability (Red) Health (Blue) 0 Reactivity (Yellow) Special Hazard

29 CFR 1910.1200, Standard must be consulted for specific requirements. IDENTITY (As Used on Label and List)

REZTORE™ SURFACE & MAT CLEANER

OSHA's Hazard Communication Standard,

Material Safety Data Sheet

May be used to comply with

Note: Blank spaces are not permitted. If any item it not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name	Emergency Telephone Number
Desco	
Address (Number, Street, City, State, and Zip Code)	Telephone Number for Information
90 Hudson Road, Canton, MA 02021	(781) 821-8370
	Date Prepared
	5-1-2002
	Signature of Preparer (Optional)

Section II - Hazardous Ingrediants/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name[s])	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Isopropanol CAS #67-63-0		400 PPM		5-25%.

TSCA: Isopropanol is on the TSCA Inventory under CAS #67-63-0

*LISTED CHEMICAL SUBJECT TO REPORTING REQUIREMENT OF sct. 313 of TITLE III.

HMIS Rating: Health: 1, Flammability: 1, Reactivity: 0, Pers. Protect: B

Section III - Physical/Chemical Characteristics

Boiling Point		Specific Gravity ($H_2O = 1$) 8.17 lbs/gal	.98
	212°F (100°C)	(8.42 lbs/gal Concentrate	(1.01 Concentrate)
Vapor Pressure (mm hg.)		Melting Point	
	18.0		N/A
Vapor density (AIR = 1)	1.06	Evaporation Rate (Butyl Acetate = 1)	.28
Solubility in Water		pH	
	Complete		$7.5 \pm .5$

Appearance and Odor

Clear violet liquid; pleasant odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A	N/A	N/A	N/A

Extinguishing Media

Water spray

Special Fire Fighting Procedures

Cool containers with water

Unusual Fire and Explosion Hazards

None known

Strong coldizers flazaradous Decomposition or Byproducts Thermal decomposition may yield carbon monoxide flazaradous Agy occur Will Not Occur X Section VI - Health Hazard Data Toute(s) of Entry: Inhalation? No No No Yes flagation? No No No Yes flagation? No No No Yes flagation? None:	Section V Dec	activity Data		Desco Reztore TM Su	& 17141 CICI		
Stable X N/A Stable X X Stable X X Strong oxidizers Hazardous Decomposition or Byproducts Thermal decomposition may yield carbon monoxide Hazardous Decomposition may yield carbon monoxide Hazardous May occur Conditions to Avoid N/A Will Not Occur X Section VI - Health Hazard Data Route(s) of Entry: Inhabition? Skin? Ingestion? No No Yes Health Hazardo (Rouse and Chronic): Acture: Causes eye and skin irritations. Chronic: Redness of skin. Carcinogonicity: NTP? IARC Monographs? OSHA Regulated? None None None None None None None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Generally Aggravated by Exposure Dermatitis Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Sloring Din on this with other chemicals. Avoid prolonged contact. Keep from freezing. Other Procautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Procautions Section VII - Control Measures Respiratory Protection (Speedy Type) Not required with normal use in well ventilated area. Ventilation Mechanical (General) Other Procautions Required: Rubber, plastic Eye Protection Conter Protection Contended: safety glasses Other Protection Cloring or Equipment			1	Conditions to Avoid			
Incompatibility (Materials to Avoid) Strong oxidizors Hazardous Decomposition or Byproducts Hazardous Decomposition or Byproducts Hazardous Decomposition may yield curbon monoxide Hazardous May occur Conditions to Avoid N/A Will Not Occur X Section VI - Health Hazard Data Rouse(s) of Enry: Industrial Strong No Yes Health Hazard (Acute and Chronic): Acute: Causes eye and skin irritations. Carcinoponicity: Noe Noe None Signs and Symptoms of Exposure: Irritation, redness of Skin, eyes. Medical Conditions Generally Aggravated by Exposure Dermatitis Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to 8e Talea in Case Material is Released of Spiled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Wash contact area with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to 8e Talea in Case Material is Released of Spiled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Wash contact area. Avoid food or feed contamination. Keep out of reach of children. Forecautions to be Talea in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Dother Precautions Societon VIII - Control Measures Respiratory Protection (Speedy Type) Note required with normal use in well ventilated area. Verifiation Local Exhaust Mechanical action of contamination release N/A Mechanical action of contamination release N/A Mechanical sport of contamination release N/A Mechanical sport of contamination release N/A Mechanical sport of contamination release N/A N/A Mechanical sport of contamination release N/A N/A Mechanical sport of contamination release N/A N/A N/A N/A N/A N/A N	Clasmy	Chotable					
Incompetibility (Materials to Avoid) Strong oxidizers Hazardous Decomposition may yield carbon monoxide Hazardous Decomposition may yield carbon monoxide Hazardous Decomposition may yield carbon monoxide Hazardous May occur Vill Not Occur X		Stable					
Strong oxidizers Thermal decomposition or Byproducts Thermal decomposition may yield carbon monoxide Hazardous Decomposition may yield carbon monoxide Hazardous May occur Conditions to Avoid N/A	In compatibility (Mate	viole to Aveid)	X				
Haszardous Decomposition may yield carbon monoxide Thermal decomposition may yield carbon monoxide Tazardous May occur N/A Will Not Occur X Section VI - Health Hazard Data Route(s) of Entry: Inhalation? Skin? Ingestion? No No No Yes Health Hazards (Acute and Chrono): Acute: Causes eye and skin irritations. Carcinogonicity: NTP? IARC Monographs? OSHA Regulated? None None None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Sieps to Be Taken in Case Material is Released or Spilled Dibk and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method See sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations Great material into plastic container. Water rinse and drain, flush small amounts. (Bridgeradable) Waste Disposal Method Don not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Don the recautions for Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. DOT Labels Required: None Protective Groves Recipitatory Protection (Specify Type). None Protective Gloves Recipitatory Protection (Specify Type) None None None None Section VIII - Control Measures Respiratory Protection (Specify Type) None None None None Section VIII - Control Measures Respiratory Protection (Specify Type) None None None None Section VIII - Control Measures Respiratory Protection (Specify Type) None N		erials to Avoid)					
Thermal decomposition may yield carbon monoxide -tearardous May occur Conditions to Avoid N/A -toylomerization May occur N/A -toylomerization		osition or Byproducts					
Hazardous Polymerization Will Not Occur Will Not Occur IX Section VI - Health Hazard Data Route(s) of Entry: No No No Yes Health Hazards (Acute and Chronic): No No No Yes Health Hazards (Acute and Chronic): No No No Yes Health Hazards (Acute and Chronic): No No No Yes Health Hazards (Acute and Chronic): No No No Yes Carcinogonicity: None None None None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Generally Aggravated by Exposure Dermatitis Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Wase Disposal Method Lose sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subritle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Dither Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical General) Other Protective Gloves Required: Rubber, plastic Eye Protective Gloves Required: Rubber, plastic		**	on mo	onoxide			
Section VI - Health Hazard Data Route(s) of Entry: No No Yes Health Hazards (Acute and Chronic): No No Yes Health Hazards (Acute and Chronic): No No Yes Health Hazards (Acute and Chronic): No No No Yes Health Hazards (Acute and Chronic): None None Skin; Carcinogonicity: None None None None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Generally Aggravated by Exposure Dermatitis Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Washase Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust McA Mechanical at point of contamination release N/A Mechanical at point of contamination release N/A Mechanical States and point of contamination release N/A Mechanical States			1				
Section VI - Health Hazard Data Route(s) of Entry: Inhalation? Skin? Ingestion? No No Yes Health Hazards (Acute and Chronic): Acute: Clauses eye and skin irritations. Chronic: Redness of skin. Chronic: Redness of skin. OSHA Regulated? None None None None None None None None None None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Garrally Aggravated by Exposure Dermatitis Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physical in immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Washes Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid protonged contact. Keep from freezing. Dither Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Speedify Type) Not required with normal use in well ventilated area. ViA Mechanical (General) Other N/A Mechanical (General) Other Special States N/A MorchHyglenic Practices	Polymerization			N/A			
Section VI - Health Hazard Data Route(s) of Entry: Inhalation? Skin? Ingestion? No No Yes Health Hazards (Acute and Chronic): Acute: Causes eye and skin irritations. Carcinogonicity: NTP? IARC Monographs? OSHA Regulated? None None None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Generally Aggravated by Exposure Dermatitis Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specily Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release My/A Mechanical at point of contamination release My/A Mechanical at point of contamination release Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Motor/Hyglenic Practices		Will Not Occur					
Route(s) of Entry: Inhalation? Skin? Ingestion? No No Yes Health Hazards (Acute and Chronic): Acute: Causes eye and skin irritations. Chronic: Redness of skin. Carcinogonicity: NTP? IARC Monographs? OSHA Regulated? None None None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Generally Aggravated by Exposure Dermatitis Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions to Taken in Handling and Storing Donot mix with other chemicals. Avoid prolonged contact. Keep from freezing. Storie in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices			X				
No No Yes Health Hazards (Acute and Chronic): Acute: Causes eye and skin irritations. Carcinogonicity: NTP? None None None None None None None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Generally Agravated by Exposure Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomitting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Dorther Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical at point of contamination release Mechanical denoral) Other Protective Gloves Recquired: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Mont/Hyglenic Practices	Section VI - He	alth Hazard Data					
Health Hazards (Acute and Chronic): Acute: Causes eye and skin irritations. Carcinogonicity: None None None None None None None None	Route(s) of Entry:			Inhalation?	Skin?		Ingestion?
Acute: Causes eye and skin irritations. Carcinogonicity: NTP? None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Generally Aggravated by Exposure Dermatitis Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Nor required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical at point of contamination release Mechanical at point of contamination release Required: Rubber, plastic Eyes Protective Clothing or Equipment N/A Work/Hyglenic Practices				No	No		Yes
Carcinogonicity: NTP? IARC Monographs? OSHA Regulated? None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Generally Aggravated by Exposure Dermatitis Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical a	•	•					
None None None None None Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Generally Aggravated by Exposure Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste), Follow state and local regulations: (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical (General) Other Assure fresh air circulation Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hyglenic Practices		e and skin irritations.					
Signs and Symptoms of Exposure: Irritation, redness of skin, eyes. Medical Conditions Generally Aggravated by Exposure Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mchanical at point of contamination release Mechanical at point of contamination release Required: Rubber, plastic Eye Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Carcinogonicity:					nographs?	-
Irritation, redness of skin, eyes. Medical Conditions Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken In Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Shipping Information Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hyglenic Practices	Ciano and Correct	o of Evanguer:		None	None		None
Medical Conditions Generally Aggravated by Exposure Dermatitis Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Dither Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Mechanical (General) Other Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices							
Emergency and First Aid Procedures Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices		or skin, eyes.					
Wash contact areas with plenty of water: 15 minutes. Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices Work/Hygienic Practices		d by Exposure		Dermatitis			
Ingestion: Do not induce vomiting. Call physician immediately. Section VII - Precautions for Safe Handling and Use Steps to Be Taken In Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical (General) Other Other Distriction (Specify Type) Not required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Emergency and Firs	t Aid Procedures					
Section VII - Precautions for Safe Handling and Use Steps to Be Taken In Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Clothing or Equipment N/A Work/Hygienic Practices	Wash contact area	as with plenty of water	er: 15 i	ninutes.			
Steps to Be Taken In Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical (General) Other Assure fresh air circulation Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Ingestion: Do not	induce vomiting. Ca	ll phys	ician immediately.			
Steps to Be Taken In Case Material is Released or Spilled Dike and collect material into plastic container. Water rinse and drain, flush small amounts. (Biodegradable) Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical (General) Other Assure fresh air circulation Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Section VII - Pr	ecautions for Safe	e Han	dling and Use			
Waste Disposal Method Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Assure fresh air circulation Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices							
Use sanitary landfill disposal. (Not a hazardous waste). Follow state and local regulations (RCRA; Subtitle D). Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hyglenic Practices	Dike and collect	material into plastic c	ontain	er. Water rinse and drain,	flush small amou	nts. (Biodegradable	e)
Precautions to be Taken in Handling and Storing Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Waste Disposal Met	nod					
Do not mix with other chemicals. Avoid prolonged contact. Keep from freezing. Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Use sanitary land	fill disposal. (Not a h	azardo	us waste). Follow state ar	nd local regulation		
Other Precautions Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices		•	•				
Store in secure area. Avoid food or feed contamination. Keep out of reach of children. Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Assure fresh air circulation Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Do not mix with	other chemicals. Avo	id prol	onged contact. Keep from	freezing.		
Section VIII - Control Measures Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Assure fresh air circulation Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices		A '16 1 6	1 .		1 6 1 7 1		
Respiratory Protection (Specify Type) Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release N/A Mechanical (General) Other Assure fresh air circulation Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Store in secure ar	ea. Avoid food or fee	ed conta	amination. Keep out of re	ach of children.		
Not required with normal use in well ventilated area. Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Section VIII - C	ontrol Measures				spray and mat	cleaner
Ventilation Local Exhaust Mechanical at point of contamination release Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices							
Mechanical at point of contamination release Mechanical (General) Other Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	•	1	entilat	ed area.	Laria		
Mechanical (General) Other N/A Assure fresh air circulation Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Ventilation	1					
Other Assure fresh air circulation Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices		· ·		mination release	I		
Protective Gloves Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	, , ,						
Required: Rubber, plastic Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	Protective Gloves	Other			Assure Hesh	an encuration	
Eye Protection Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices		: plastic					
Recommended: safety glasses Other Protective Clothing or Equipment N/A Work/Hygienic Practices	•	, paulie					
Other Protective Clothing or Equipment N/A Work/Hygienic Practices	•	afety glasses					
N/A Work/Hygienic Practices		• •					
	N/A						
Do not eat, drink next to material. Wash hands/face after work.	Work/Hygienic Pract	ices					
	Do not eat, drink	next to material. Was	sh hanc	ls/face after work.			
N/A = Not Applicable; NE = None Established				N/A = Not Applicable;	NE = None Estal	blished	