Safety Data Sheet



Ferris[®] 2283-A Water Soluble Wax

Section 1 Identification						
 1.1 Product identifiers Product name: Ferris[®] 2283-A Water Soluble Wax 1.2 Relevant identified uses of the substance or mixture and uses advised against						
(440) 934-190	bad, Avon, OH 44011 1.4 Emergency telephone number CHEMTREC (800) 424-93002CHEMTREC (800) 424-9300emansupply.comCHEMTREC (800) 424-9300					
Section 2 Hazards Identification						
 2.1 Classification of the substance or mixture Not classified according to OSHA 29 CFR 1910.1200 HCS 2.2 GHS Label elements, including precautionary statements No label element(s) required 2.3 Hazards not otherwise classified Molten product can cause serious burns. 						
	Section 3 Composition/Information on Ingredients					
3.1 Mixture of Substances Proprietary mixture of synthetic waxes, and dye(s). No components need to be disclosed according to the applicable regulations.						
	Section 4 First Aid Measures					
4.1 Description of firs	t aid measures					
Inhalation	Get medical assistance if irritation develops or persists. If breathing is difficult, move the person to fresh air. Give artificial respiration if person is not breathing.					
Skin contact	For thermal burns, flush or submerge effected area in cold water to dissipate heat. Cover with clean bandage material. Do not peel material from skin. Get medical attention. For contact at ambient temperatures, wash with soap and water.					
Eye contact	Immediately flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention immediately, preferably an ophthalmologist.					
Ingestion	If swallowed, rinse mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Consult a physician if necessary.					
Section 5 Fire Fighting Measures						
Unsuitable ex 5.2 Special hazards ar Unusual Fire a sufficient conce addition to con Hazardous Co 5.3 Advice for firefigh	guishing media: Water fog, dry chemical, foam, carbon dioxide. tinguishing media: Do not use a solid water stream as it may scatter and spread fire. ising from the substance or mixture and Explosion Hazards: Product is a waxy solid and is not expected to form dust. Organic dusts at entration may form explosive mixtures in air. During a fire, smoke may contain the original material in abustion products of varying composition which may be toxic and/or irritating. mbustion Products: Carbon dioxide, carbon monoxide, nitrogen oxides, irritating smoke					

	Section 6 Accidental Release Measures					
6.1 Per	sonal precautions, protective equipment and emergency procedures					
	Avoid contact with skin and eyes. Wear appropriate personal protective equipment.					
6.2 Env	rironmental precautions					
	Should not be released into the environment. Prevent product from entering drains.					
6.3 Met	6.3 Methods and materials for containment and cleaning up					
	Do not walk through spilled material. Contain spillage and use clean non-sparking tools to collect material. Shovel spillage into suitable container for disposal. Flush any residue with water.					
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	Section 7 Handling and Storage					
7.1 Pre	cautions for safe handling					
	Do not heat material above 200°F. Do not breathe vapours/dust. Do not get in eyes or mouth or on skin.					
	Keep away from sources of ignition. Use normal precautions when handling hot molten liquid solutions.					
	Avoid creating dust. Provide appropriate exhaust ventilation.					
7.2 Con	iditions for safe storage, including any incompatibilities					
	Store at temperatures not exceeding 30°C (86°F) in closed containers. Avoid prolonged exposure to heat or air.					
	Keep away from flame and open electrical coils. Incompatibilities: Strong oxidizing agents, strong acids, strong bases					
	Section 8 Exposure Controls/Personal Protection					
8 1 Con	itrol parameters					
0.1 001	Exposure Limits/Guidelines: Not established					
8 2 Exn	posure controls					
	Appropriate engineering controls					
	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to					
	conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be neede					
	in special circumstances, such as poorly ventilated spaces, very hot processing, mechanical generation of dusts, etc.					
8.3 Per	sonal protective equipment					
	Eye/Face					
	Use a full-face shield and safety glasses if handling heated material. With product at ambient temperatures, use					
	safety glasses equipped with side shields.					
	Hands Use gloves chemically resistant to this material when prolonged or frequent repeated contact could occur. If hands ar					
	cut or scratched, use gloves chemically resistant to this material even for brief exposures. Examples of preferred glov					
	barrier materials include: neoprene, polyvinyl chloride (PVC) or butyl rubber gloves. When handling product at					
	elevated temperatures, use heat-resistant gloves.					
	Skin/Body					
	Prevent skin contact, wear long sleeves and/or coveralls.					
	Respiratory					
	The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation.					
	If elevated airborne concentrations above applicable workplace exposure levels are anticipated, use an N95 dust					
	mask for limited exposure. For prolonged exposure use an air-purifying respirator. Follow the OSHA respirator					
	regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN					
Safater (149 approved respirator if exposure limits are exceeded or symptoms are experienced.					
	Stations Make emergency eyewash stations and washing facilities available in work area.					
Salety	I Hygienic Practices					
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-	Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly					
-	Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse. Avoid breathing dust, vapor or mist. Avoid contamination of food, beverages, or					
-	Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse. Avoid breathing dust, vapor or mist. Avoid contamination of food, beverages, or smoking materials.					

Section 9 Phy	vsical and Chemical Properties				
9.1 Information on basic physical and chemical pro	operties				
Physical State: Waxy solid					
Color:	Green				
Odor:	Odorless				
Odor Threshold:	No data available				
pH:	4.0-8.0				
Melting Point:	>140°F (>60°C)				
Boiling Point:	>200°F (>93°C)				
Decomposition Temperature:	No data available				
Flash Point:	Approximately 475°F (246°C)				
Flammability:	Not ignitable				
	No data available				
Lower Explosion Limit:					
Upper Explosion Limit:	No data available				
Vapor Density:	No data available				
Specific Gravity:	1.2 Calualia				
Water Solubility:	Soluble				
Partition Coefficient: n-octanol/water:	No data available				
Autoignition Temperature:	No data available				
Viscosity:	Solid at room temperature				
Section 1	10 Stability and Reactivity				
10.1 Reactivity:	No dangerous reaction known under conditions of normal use.				
10.2 Chemical stability:	Stable under recommended storage conditions.				
10.3 Possibility of hazardous reactions:	No dangerous reactions known under conditions of normal use.				
10.4 Conditions to avoid:	Do not heat material above 200°F.				
	Avoid heat, sparks, open flame. Avoid dust formation.				
10.5 Incompatible materials:	Strong oxidizing agents. Strong acids. Strong bases.				
10.6 Hazardous decomposition products	Decomposition products depend upon temperature, air supply an				
Toto multitudus accomposition products	the presence of other materials. Decomposition products can				
	include and are not limited to: Aldehydes, alcohols, ethers, carbor				
	dioxide, carbon monoxide, carboxylic acids, nitrogen oxides,				
	polymer fragments				
	polymer magments				
Section 11	l Toxicological Information				
11.1 Information on toxicological effects					
Acute oral toxicity	No data available				
Acute inhalation toxicity	No data available				
Acute dermal toxicity	No data available				
Skin corrosion/irritation	Prolonged exposure is not likely to cause significant skin irritation				
	May cause a more severe response if skin is abraded.				
Serious eye damage/irritation	May cause slight temporary eye irritation.				
Respiratory and skin sensitization	Not available				
Germ cell mutagenicity	Not available				
Aspiration hazard	No data available				
Carcinogenicity	No component of this product present at levels greater than or				
	equal to 0.1% is identified as a known or anticipated carcinogen b				
	IARC, NTP, or OSHA.				
Reproductive toxicity	No data available				
Specific Target Organ Toxicity (STOT)					
single exposure	No data available				
repeated exposure	No data available				
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	Section 1	2 Ecological Information					
12.1 Toxicity 12.2 Persistence and degradabili 12.3 Bioaccumulative potential 12.4 Mobility in soil 12.5 Results of PBT & vPvB asses	sment	No data available No data available No data available Not expected due to water solubility No data available Section 13 Disposal Considerations					
13.1 Disposal							
Section 14 Transport Information							
14.1 DOT, TDG, IMO/IMDG, IATA,							
Section 15 Regulatory Information							
Inventories: This product complies with the following inventories: USA TSCA SARA 302 Components: No chemicals in this material are subject to the reporting requirements. SARA 311/312 Hazards Classifications: None SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. RCRA: In the form delivered, this product is not considered as hazardous waste, and is not subject to reporting under the Resource Conservation and Recovery Act. Pennsylvania Right To Know: 1-Vinyl-2-Pryyolidone, - Vinyl Acetate Polymer CAS 25086-89-9 New Jersey Right To Know: 1-Vinyl-2-Pryyolidone, - Vinyl Acetate Polymer CAS 25086-89-9 California Proposition 65: ▲ WARNING: This product may expose you to chemicals including acetaldehyde, which is known to the State of California to cause cancer. For more information, visit www.P65Warnings.ca.gov.							
Chemical Name Acetaldehyde	CAS Number 75-07-0	Concentration (%) <0.01	No Significant Risk Level (NSRL) 90 μg/day (Inhalation)				
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EXPRESSED OR IMPLIED, I PURPOSE. No statements I circumstances shall Seller I breach of warranty, strict o sole liability for any claims must be confirmed by Buye	Buyer's documents. INCLUDING ANY WA herein are to be cons be liable for incident of liability arising in o shall be Buyer's pur er by testing for its in mended for, uses for r uses for which impl	ARRANTY OF MERCHANTA strued as inducements to ir tal, consequential or indire connection with the produ rchase price. Data and resu ntended conditions of use. r which prolonged contact	ESENTATION OR WARRANTY, BILITY OR FITNESS FOR A PARTICULAR nfringe any relevant patent. Under no ect damages for alleged negligence, ect(s). Buyer's sole remedy and Seller's ults are based on controlled lab work and The product(s) has not been tested for, with mucous membranes, abraded skin, n body is intended.				