

SAFETY DATA SHEET

Version 1

I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

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Product Name	ENVIRO-MELT
Product Code	#IM33
Recommended use of the <u>chemical</u> and restrictions on use	
Recommended Use	Ice Melt, Manufacture of Chemicals
Uses advised against	Not applicable
Details of the supplier:	VALTEC INDUSTRIES 236 KETTLES LA MEDFORD NY, 11763
Information Telephone Number	(800) 726-8258
24 Hour Emergency Telephone #	1-800-535-5053 (North America) 1-352-323-3500 (International)

HAZARDS IDENTIFICATION

Classification: Mono-constituent substance

This mixture is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Other hazards which do not result in Classification: Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

Appearance Tan, White beads

Physical State solid

Odor Slight ammonia odor

Eyes IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin IF ON SKIN: Gently wash with plenty of soap and water. No known effect.

Inhalation IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. No known significant effects or critical hazards.

Ingestion IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel.

Precautionary Statements - Storage

Wash hands and face before eating, drinking and smoking. Store in accordance with local regulations. Avoid contamination.

Precautionary Statements - Disposal

Dispose of unused product and container in accordance with all applicable local and regional requirements

Hazards not otherwise classified (HNOC)

Not Applicable

Other Information

None

13. COMPOSITION/INFORMATION ON INGREDIENTS

Urea 98% CAS# 57-13-6

14. FIRST AID MEASURES

First aid measures

Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Contact	Wash off with warm water and soap.
Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
Ingestion	Clean mouth with water and afterwards drink plenty of water.

Most important symptoms and effects, both acute and delayed

Main Symptoms: No information available

15. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Decomposes on heating. Non-flammable. Material will not burn. Use an extinguishing agent suitable for surrounding fire.

Specific Hazards Arising from the Chemical

If mixed with chlorine or hypochlorites it may form nitrogen trichloride which may spontaneously explode in air.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Ensure adequate ventilation.
Environmental Precautions	Avoid dispersal with soil, waterways, drains and sewers.

Methods and material for containment and cleaning up

Methods for Clean-up	Reclaim material and use it for its intended purpose.
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HANDLING AND STORAGE

Precautions for safe handling

Handling	Store in accordance with local regulations. Separate from oxidizing materials. Store container in a cool, dry place.
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Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place

Incompatible Materials Oxidizing materials

EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Appropriate engineering controls

Individual protection measures, such as personal protective equipment

Eye Protection Avoid contact w1th eyes

Skin and body protection No special technical protective measures are necessary

Respiratory protection In case of insufficient ventilation,, wear suitable respiratory equipment

General Hygiene Considerations Handle in accordance w1th good industrialhygiene and safety practices

19. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Bead
Appearance	White
Odor	Slight ammonia odor
Odor Threshold	No information available
Property Melting/freezing point	133 C
Evaporation rate	No information available
VALUE Flammability (solid, gas)	No information available
Burning rate 100mm	No information available
VALUE Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	No information available
Water Solubility	No information available
Solubility in other solvents	No information available
Partition Coefficient (n octanol/water)	No Information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity of Product	No information available
Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No Information available
	No information available

Other Information

Softening Point	No Information available
VOC Content	No Information available
Density	No information available

Neonate - <24 hours

48 hours

Acute LC50 >1000 mg/L Marine water Crustaceans - Chaetogammarus

marinus - Young - 5 mm

48 hours

Acute LC50 5000 ug/L Fresh water Fish - Colisa fasciata - Fingerling 96 hours

Acute LC50 22500 ug/L Fish - Tilapia mossambica 96 hours

Product/ingredient name Result Species Exposure

Conclusion/Summary : Practically non-toxic to aquatic organisms.

12.2 Persistence and degradability

Urea OECD 302B

Inherent

Biodegradability:

Zahn-Wellens/

EMPA Test

96 % - Readily - 16 days - -

Product/ingredient name Test Result Dose Inoculum

Conclusion/Summary : According to EC criteria: Readily biodegradable None known

Persistence/Degradability

The organic components of the product are biodegradable.

Bioaccumulation/ Accumulation

Does not bioaccumulate.

Other adverse effects

No known effect

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Method

Dispose of contents/container in accordance with local regulation.

Contaminated Packaging

This product is not hazardous

14. TRANSPORT INFORMATION

DOT

not regulated

15. REGULATORY INFORMATION

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40 CFR Part 372

SARA 311/312 Hazardous : This product does not contain any hazardous ingredients

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

State Right-to-Know

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

SDS date: 12/01/15

Revision Date: New

Revision information: NA

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of the supplier, it is the responsibility of the customer to determine the conditions of safe use of this preparation.

End of SDS

12/01/2015

New

Reactive Hazard

No

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