1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer
Grant Industries Inc.
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Elmwood Park, New Jersey 07407

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Vendor
Grant Industries Inc.
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Product Name: GRANSPERSE PN
Revision Date: 6/26/06
MSDS Number: GRA1104
Product Use: ANTI REDEPOSITION AGENT

2 HAZARDS IDENTIFICATION

Route of Entry: Inhalation, Skin, Oral
Target Organs: None known.
Inhalation: Prolonged inhalation may cause respiratory irritation.
Skin Contact: Prolonged contact may cause skin irritation.
Eye Contact: Wear eye protection while handling. Eye contact may cause mild irritation.
Ingestion: May cause irritation of the digestive tract.

HMIS®-ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0
NFPA-ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0

3 COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain any hazardous chemicals as defined by the OSHA Hazard Communication Standard. (29 CFR 1910.1200).

4 FIRST AID MEASURES

Inhalation: Remove victim to fresh air. Seek medical attention if respiratory irritation or distress occurs.
Skin Contact: Wash affected area with soap and water. If redness, itching or burning develops, get medical attention.
Eye Contact: Rinse immediately with plenty of water. If irritation persist call physician.
Ingestion: Give one or two glasses of water to drink. If gastrointestinal symptoms develop, call a physician immediately. Do not induce vomiting without medical advice.
5 FIRE FIGHTING MEASURES

Flash Point: > 200 °F  
Flash Point Method: Pensky-Martens Closed Cup  
Burning Rate: No data  
Autoignition Temperature: No determined  
LEL: No determined  
UEL: No determined  
Flammability Classification: No data

Use extinguishing media appropriate for surrounding fire.  
Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.  
Wear protective clothing, boots, gloves, and eye protection.

6 ACCIDENTAL RELEASE MEASURES

Dike and soak up with inert absorbent material (e.g. sand, silica gel, sawdust). Remove and dispose of in accordance with federal, state, and local laws.

7 HANDLING AND STORAGE

Handling Precautions: No special requirements.  
Storage Requirements: Keep from freezing. Store containers in cool dry place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control that meets the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

Protective Equipment:  
HMIS PP, C | Goggles, Gloves, Apron  
Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash should be readily accessible to the work area.  
Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial regulations.

Exposure Guidelines/Other: No TLV assigned. Minimize exposure in accordance with good hygiene practice.
9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber
Physical State: liquid
Odor: Fatty alcohol
pH: 5-9 @ 5%
Vapor Pressure: Not determined
Vapor Density: Not determined

Boiling Point: Not determined
Freezing/Melting Pt.: Not determined
Solubility: Slight
Spec Grav./Density: 1.00

VOC: Not determined
Evap. Rate: Not determined

10 STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: See HAZARD WARNING under HANDLING: Section 7.
Materials to avoid (incompatibility): Strong oxidizers.
Hazardous Decomposition products: None expected if used for intended purpose and according to specifications.
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

12 ECOLOGICAL INFORMATION

Ecotoxicity: ND
Environmental Fate: ND
Other: ND

13 DISPOSAL CONSIDERATIONS

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that the state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

14 TRANSPORT INFORMATION

Compounds, Defoaming NOI
NMFC: 50140 Sub 2
The information provided is for domestic highway transportation only. This product may be regulated differently when shipped in other types of containers or by modes other than that addressed by this section of the MSDS.
15 REGULATORY INFORMATION

TSCA INVENTORY STATUS:
This product complies with the requirements of TSCA pursuant to the polymer exemption allowed at 40 CFR 723.250.

TSCA 12 (b) COMPONENTS:
None

SARA 311/312 HAZARD CATEGORIES:
None

SARA 313/TOXIC CHEMICALS:
None

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES:
Ethylene Oxide (75-21-8) < 0.0004%

CERCLA HAZARDOUS SUBSTANCES:
Ethylene Oxide (75-21-8) < 0.0004%
1,4-Dioxane (123-91-1) < 0.0090%
Acetaldehyde (75-07-0) < 0.0900%

CALIFORNIA PROPOSITION 65 COMPONENTS:
WARNING! This product contains a chemical (or chemicals) known to the State of California to cause cancer, birth defects and/or other reproductive harm.
Ethylene Oxide (75-21-8) < 0.0004%
1,4-Dioxane (123-91-1) < 0.0090%
Acetaldehyde (75-07-0) < 0.0900%

16 OTHER INFORMATION

NFPA Rating
1 Health
1 Flammability
0 Reactivity
0 Other

HMIS Rating
1 Health
1 Flammability
0 Reactivity

Key Legend Information:
ACGIH-American Conference of Governmental Industrial Hygienists
OSHA-Occupational Safety and Health Administration
TLV-Threshold Limit Value
PEL-Permissible Exposure Limits
TWA-Time Weighted Average
STEL-Short Term Exposure Limit
NTP-National Toxicology Program
IARC-International Agency for research on Cancer
ND-Not Determined

Grant Industries, Inc. has shipped this product at your request with the understanding that we have no control over the storage, handling, and conditions of use, which are of critical importance.
Grant Industries, Inc. does not assume any liability for any injury to persons or property arising out of the use, handling or storage of this material.