

SAFETY DATA SHEET

SDS NUMBER: 1000011879-15-LPI

SDS REVISIONS: SECTION 1.2, 2

DATE OF ISSUE: 04/23/15

PARTITION™
SUPERSEDES: 05/22/14

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 PRODUCT IDENTIFIER:

TRADE NAME: PARTITION™**1.2 RECOMMENDED USE:** DEPOSITION AGENT – DRIFT CONTROL AGENT

1.3 SUPPLIER DETAILS:

LOVELAND PRODUCTS, INC.

P.O. Box 1286 • Greeley, CO 80632-1286

1.4 24-Hour Emergency Phone: 1-800-424-9300 - **Medical Emergencies:** 1-866-944-8565**U.S. Coast Guard National Response Center:** 1-800-424-8802

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to 29 CFR 1910.1200

Skin corrosion / irritation

Category 2

H315

2.2 Label elements

**Signal word:** WARNING**Hazard Statements:** H315 – Causes skin irritation.**Precautionary Statements:**

P102 – Keep out of reach of children.

P103 – Read label before use.

P233 – Keep container tightly closed.

P234 – Keep only in original container.

P261 – Avoid breathing dust / fume / gas / mist / vapors / spray.

P264 – Wash thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P272 – Contaminated work clothing should not be allowed in the work place.

P280 – Wear protective gloves / protective clothing / eye protection / face protection.

(Prevention):
Precautionary Statement:

P301+P312 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352 – IF ON SKIN: Wash with plenty of water for 15 to 20 minutes.

P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313 – If eye irritation persists: Get medical advice or attention.

P332+P313 – If skin irritation occurs: Get medical advice or attention.

P362 – Take off contaminated clothing and wash before reuse.

P363 – Wash contaminated clothing before reuse.

Precautionary Statement:**(Storage):****(Disposal):**

P501 – Dispose of contents in container at an approved waste disposal facility in accordance with all local/regional/national regulations.

2.3 Other hazards

None known

KEEP OUT OF REACH OF CHILDREN –

Appearance and odor: Milky, white liquid with hydrocarbon odor.

Potential Health effects

Routes of exposure Eye contact, skin contact, inhalation.**Eyes** May cause eye irritation.**Skin** Causes skin irritation.**Inhalation** Exposure to an excessive concentration of vapors, mist, fumes or aerosols may cause respiratory tract discomfort and/or mild irritation.**Ingestion** May be fatal if swallowed.**Target organs** Skin. Eyes. Inhalation.**Signs and symptoms** May cause irritation to the eyes. Causes skin irritation. May cause irritation to the respiratory system.**Potential environmental effects** This product is not expected to be harmful to aquatic life. However, this does not exclude the possibility that large or frequent spills can have harmful or damaging effect on the environment.

SAFETY DATA SHEET

SDS NUMBER: 1000011879-15-LPI

SDS REVISIONS: SECTION 1.2, 2

DATE OF ISSUE: 04/23/15

PARTITION™
SUPERSEDES: 05/22/14

3. COMPOSITION, INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name:	CAS No.	Classification	Concentration
			[%]
Distillates, petroleum, hydrotreated light	64742-47-8	Skin Irrit.: 2 H315	20 – 30%
Other ingredient	Proprietary		1 – 5%
Other ingredient	Proprietary		1 – 5%
Other ingredient	Proprietary		1 – 5%

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

General Advice: Get medical attention if symptoms occur.

Eye contact:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin contact:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Inhalation:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

4.2 Most Important Symptoms and Effects, Acute and Delayed

Symptoms : May cause eye irritation. Causes skin irritation. May be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

4.3 Immediate Medical Attention and Special Treatment

Treatment : Treat symptomatically. Symptoms may be delayed.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565

Take container, label or product name with you when seeking medical attention.

NOTES TO PHYSICIAN: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

Suitable Extinguishing Media: Use foam, dry chemical, or carbon dioxide extinguishing media.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Specific Hazards During Firefighting: During a fire, thermal decomposition products may release toxic and/or hazardous fumes and gases including oxides of carbon.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Special Protective Equipment for Firefighters: Self-contained breathing apparatus and full protective gear should be worn in fighting large fires involving chemicals. Use alcohol-type or universal-type foam on larger fires. Use water spray to keep fire exposed containers cool. Keep people away. Isolate fire and deny unnecessary entry.

SAFETY DATA SHEET

SDS NUMBER: 1000011879-15-LPI

SDS REVISIONS: SECTION 1.2, 2

DATE OF ISSUE: 04/23/15

PARTITION™

SUPERSEDES: 05/22/14

6. ACCIDENTAL RELEASE MEASURES**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Personal Precautions: Avoid inhalation of vapors, fumes, and spray mist and prolonged or repeated contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing.

6.2 ENVIRONMENTAL PRECAUTIONS

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate water. Do not allow to enter drains, sewers, or watercourses.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP

Methods for Clean-Up: Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. After removal flush contaminated area thoroughly with water.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to Remove residual contamination.
Never return spills to original containers for re-use.

7. HANDLING AND STORAGE**7.1 PRECAUTIONS FOR SAFE HANDLING:**

Advice on Safe Handling: Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Wear protective gloves, protective clothing, eye protection and face protection.

7.2 CONDITIONS FOR SAFE STORAGE:

Requirements for Storage Areas and Containers: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. For optimal storage, store between 40° and 90° F. Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 CONTROL PARAMETERS:
OCCUPATIONAL EXPOSURE LIMITS****ACGIH TLVs TWA**

Components	Type	Value
No data		

OSHA PELs TWA

No data

Biological limit values**ACGIH Biological Exposure Indices**

Components	Value	Specimen
No data		

8.2 EXPOSURE CONTROLS:**Engineering Measures**

Provide adequate general and local exhaust ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors and spray mists. Provide eyewash station and safety shower.

Individual Protection Measures:

Eye / Face Protection: Chemical goggles or face shield are recommended.

Skin Protection: Chemical gloves, long-sleeved shirts and pants.

Respiratory Protection: Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.

SAFETY DATA SHEET

SDS NUMBER: 1000011879-15-LPI

SDS REVISIONS: SECTION 1.2, 2

DATE OF ISSUE: 04/23/15

PARTITION™
SUPERSEDES: 05/22/14

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 APPEARANCE : Liquid
ODOR: Hydrocarbon.
ODOR THRESHOLD: Not determined.
COLOR : White, milky.
pH : No data available
MELTING POINT / FREEZING POINT: No data available
BOILING POINT: No data available
FLASH POINT: >200°F (>93°C) (PMCC)
FLAMMABILITY (solid, gas): No data available
UPPER / LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: No data available
VAPOR PRESSURE: No data available
SOLUBILITY: No data available
PARTITION CO-EFFICIENT, n-OCTANOL / WATER: No data available
AUTO-IGNITION TEMPERATURE: No data available.
DECOMPOSITION TEMPERATURE: Not determined
VISCOSITY: No data available
SPECIFIC GRAVITY (Water = 1): 1.013 – 1.054 g/ml
BULK DENSITY: 8.45 – 8.79 lbs./gal. / 1.01 – 1.05 kg/L

Note: These physical data are typical values based on material tested but may vary from sample to sample.
Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

10.1 REACTIVITY

Stable

10.2 CHEMICAL STABILITY

Stable under normal temperature conditions

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No reactions known under normal use conditions. Will not polymerize.

10.4 CONDITIONS TO AVOID

Strong oxidizing agents. This material reacts slowly with iron, copper, and aluminum, resulting in corrosion and product degradation.

10.5 INCOMPATIBLE MATERIALS

Strong oxidizing agents.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may include and are not limited to: oxides of carbon, oxides of nitrogen, and ammonias.

11. TOXICOLOGICAL INFORMATION

11.1 LIKELY ROUTES OF EXPOSURE

Skin contact, skin contact, inhalation.

LC₅₀ (rat): 23.00 mg/L

LD₅₀ Oral (rat): >10 ml/kg

LD₅₀ Dermal (rabbit): >10 ml/kg

Skin Irritation (rabbit): Moderate irritation.

Eye Irritation (rabbit): Mild irritation.

Specific Target Organ Toxicity: No data available

Aspiration: No data available

Skin Sensitization (guinea pig): No data available

Carcinogenicity: No data available

Germ Cell Mutagenicity: No data available

Interactive Effects: None known

SAFETY DATA SHEET

SDS NUMBER: 1000011879-15-LPI

SDS REVISIONS: SECTION 1.2, 2

DATE OF ISSUE: 04/23/15

PARTITION™

SUPERSEDES: 05/22/14

12. ECOLOGICAL INFORMATION**12.1 ECOTOXICITY**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Ecotoxicological Data

Components	Species	Test Results
96-hour LC ₅₀	Oncorhynchus mykiss	120 mg/L (data from a similar product)
96-hour LC ₅₀	Brachydanio rerio	>100 mg/L (data from a similar product)
48-hour EC ₅₀	Daphnia magna	>100 mg/L (data from a similar product)

Drift or runoff may adversely affect non-target plants.
Do not apply directly to water.
Do not contaminate water when disposing of equipment wash water.
Do not apply when weather conditions favor drift from target area.

12.2 PERSISTENCE AND DEGRADABILITY

Biodegradability: No data available

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation: No data available

12.4 MOBILITY IN SOIL

No data available

12.5 OTHER ADVERSE EFFECTS

Assessment: No data available.

13. DISPOSAL CONSIDERATIONS**13.1 WASTE TREATMENT METHODS**

Do not contaminate water, food or feed by storage or disposal. Wastes may be disposed of on-site or at an approved waste disposal facility. Triple rinse (or equivalent) adding rinse water to spray tank. Offer container for recycling or dispose of container in sanitary landfill, or by other procedures approved by appropriate authorities. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrecycle.org.

14. TRANSPORT INFORMATION**14.1 LAND TRANSPORT**

DOT Shipping Description: NOT REGULATED

U.S. Surface Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)

15. REGULATORY INFORMATION**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS****NFPA & HMIS Hazard Ratings:****NFPA**

1 Health
1 Flammability
0 Instability

0 Least
1 Slight
2 Moderate
3 High
4 Severe

HMIS

1 Health
1 Flammability
0 Reactivity
X PPE

SARA Hazard Notification/Reporting**SARA Title III Hazard Category:**

Immediate Y
Delayed N

Fire N
Reactive N

Sudden Release of Pressure N

Reportable Quantity (RQ) under U.S. CERCLA: Not listed.

SARA, Title III, Section 313: Not listed

RCRA Waste Code: Not listed

CA Proposition 65: Not listed.

SAFETY DATA SHEET

SDS NUMBER: 1000011879-15-LPI

SDS REVISIONS: SECTION 1.2, 2

DATE OF ISSUE: 04/23/15

PARTITION™
SUPERSEDES: 05/22/14

16. OTHER INFORMATION

SDS STATUS: Sections 1.2 and 2 revised

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental Health and Safety

Disclaimer and Limitation of Liability: This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and LOVELAND PRODUCTS, INC. disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.