INLAND 87

Safety Data Sheet
Revision Date March 2016

1. Product and Company Identification

PRODUCT NAME: **INLAND 87**
MATERIAL USES: Lubricating Oil
COMPANY: Inland Vacuum Industries
35 Howard Ave
Churchville NY 14428
(585) 293-3330
VALIDATION DATE: 3/1/2016

2. Hazards Identification

OSHA/HCS Status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Classification:
Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

GHS-Labeling :
Not a dangerous substance according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

3. Composition/information on ingredients

This material is defined as a substance.

No Hazardous Substance(s) or Complex Substance(s) required for disclosure.

Product containing mineral oil with less than 3% DMSO extract as measured by IP-346.

4. First aid measures

Eye Contact: Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.
Skin Contact: Wash with soap and water. Get medical attention if symptoms occur.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
Notes to physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Flammability of the product: May be combustible at high temperature.
Extinguishing media
Suitable: Use dry chemical, CO2, water spray (fog) or foam.
Not Suitable; Do not use water jet as an extinguisher, it will spread fire
Hazardous thermal decomposition products: When heated, hazardous gases may be released including: sulfur dioxide
Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. Handling and storage

Handling: Put on personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink.Odorous and toxic fumes may form from the decomposition of this product if stored at temperatures in excess of 113 deg F for extended periods of time or if heat sources in excess of 250 deg F are used. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering measures: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

Personal protection

Eyes: Safety glasses

Skin: Lab coat

Respiratory: A respirator is not needed under normal and intended conditions of use

Hands: Natural rubber (latex)

Personal protective equipment (pictograms)

HMIS Code/Personal protective equipment: B

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

GENERAL INFORMATION

Physical State: Liquid
Form: Clear
Color: Amber
Odor: Mild
Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 25 °C): 0.89 g/ml
Flammability (Solid, Gas): N/A
Flash Point [Method]: 210°C (410°F) [COC]
Flammable Limits (Approximate volume % in air): LEL: N/D UEL: N/D
Autoignition Temperature: N/D
Boiling Point / Range: N/D
Decomposition Temperature: N/D
Vapor Density (Air = 1): >1
Vapor Pressure: <1 mm Hg
Evaporation Rate (n-butyl acetate = 1): N/D
pH: N/A
Log Pow (n-Octanol/Water Partition Coefficient): N/D
Solubility in Water: Negligible , 0-1%
Viscosity: 175 cSt (175 mm2/sec) at 40 °C | 19.9 cSt (19.9 mm2/sec) at 100°C
Oxidizing Properties: See Hazards Identification Section.

OTHER INFORMATION

Freezing Point: N/D
Melting Point: N/D
Pour Point: N/D

10. Stability and reactivity

Stability: The product is stable
Hazardous polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.
Conditions to avoid: Temperatures above the high flash point. Moisture (will lead to performance degradation.)
Materials to avoid: Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Sensitizer : No data available to indicate product or components may be a skin sensitizer.
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic

Carcinogenicity: Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.

Reproductive and Developmental Toxicity:

No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Specific target organ toxicity: (single exposure)

Non-hazardous under Specific Target Organ Systemic Toxicity Single Exposure catergory

Specific target organ toxicity (repeated exposure)

Non-hazardous under Specific Target Organ Systemic Toxicity Repeated category

12. Ecological information

Acute Aquatic ecotoxicity : Non-hazardous under Aquatic Acute Environment category.
Chronic Aquatic ecotoxicity : Non-hazardous under Aquatic Chronic Environment category.
Persistence and degradability : Biodegrades slowly.
Bioaccumulative potential : Bioconcentration may occur.
Mobility in soil : This material is expected to have essentially no mobility in soil.
Results of PBT and vPvB assessment : Not determined
Other adverse effects : No data available.

13. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.
Refer to section 7: Handling and storage and section 8: Exposure controls/personal protection for additional handling information and protection of employees.

14. Transport information

Shipping Description : If shipped by land in a packaging having a capacity of 3,500 gallons or more, the provisions of 49 CFR, Part 130 apply. (Contains oil) International Maritime Dangerous Goods (IMDG)
DOT Compliance Note U.S. DOT compliance requirements may apply. See 49 CFR 171.22, 23 & 25.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable International Civil Aviation Org. / International Air Transport Assoc. (ICAO/IATA)
DOT Compliance Requirement : U.S. DOT compliance requirements may apply. See 49 CFR 171.22, 23 & 24

15. Regulatory information

(TSCA) Toxic :
Substance Control Act
All components are either listed or not regulated US TSCA Inventory.
WHMIS Hazard Class : None
Canada CPR : This product has been classified in accordance with the hazard criteria Controlled Products Regulations (CPR) and the SDS contains all the information required by the Regulations.
CERCLA Sections

302, 313, 372	This material does not contain reportable chemicals		
311, 312	Acute Health Hazard No	Pressure Hazard No	Fire Hazard No
	Chronic Health Hazard No	Reactive Hazard No	

New Jersey Right to Know (NJ RTK) This material does not contain reportable chemicals.

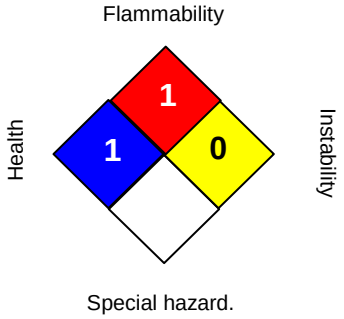
Massachusets Right to Know (MA RTK) This material does not contain reportable chemicals
Pennsylavania Right to Know (PA RTK) This material does not contain reportable chemicals
Rhode Island Right to Know (RI RTK) This material does not contain reportable chemicals

16. Other information

N/D = Not determined, N/A = Not applicable

The customer is responsible for determining the PPE code for this material.

NFPA:



HMIS III:

HEALTH	**1**
FLAMMABILITY	**1**
PHYSICAL HAZARD	**0**

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date : 03/01/2016

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