

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Trade Name: Release Coating 7403
Product Description: Blended lubricant/hydrocarbon solvent
IATA Shipping Classification: Petroleum distillates, n.o.s., 3, UN-1268, II.
DOT Shipping Classification: Petroleum distillates, n.o.s., 3, UN-1268, II.
HMIS Hazard Rating: H1, F3, R1, PE B

MANUFACTURE INFORMATION

Huron Technologies, Inc. Phone: (517) 589-0300
415 Industrial Dr. Emergency Phone: (800) 424-9300
Leslie, MI 49251 (Chemtrec)

COMPOSITION

Lubricant blend 7-12%
Synthetic Hydrocarbon solvent CAS# 64741-66-8 88-93%

This product is a mixture of materials, each of which is listed in TSCA as indicated on suppliers' MSDS. The mixture is non-hazardous when used as directed.

PHYSICAL DATA

Boiling Point, deg. F. 250-375
Solubility In Water @ 68 F. nil
Specific Gravity @ 68 F. 0.72
Vapor Pressure, mm Hg @ 68 F. <12
Vapor Density, (AIR=1) >1
Volatiles, % by WT 88-93%
Appearance clear colorless fluid
Odor Sweet Naphtha Odor

FIRE AND EXPLOSION HAZARD DATA

Flash Point, F: 45 (estimate) PMCC

Flammable limits in air by volume @ 77°F: Lower-1.3% Upper-10.2%

Extinguishing Media: Water fog to cool fire; foam or dry chemical to extinguish the fire.

Special Firefighting Procedures: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual fire and explosion hazards: None known.

HEALTH HAZARD DATA

This product does not contain any listed (NTP, IARC, OR OSHA) carcinogens.

EFFECTS OF OVEREXPOSURE:

Skin: Prolonged skin contact will defat the skin tissue and cause irritation and skin rash.
Eyes: Irritating but will not injure tissue.
Inhalation: High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged exposure will cause dizziness and nausea.
Ingestion: If ingested do not induce vomiting as small amounts of liquid may be drawn into the lungs, which can be fatal due to chemical pneumonitis.
Chronic Effects: There is minimal evidence for serious chronic effects (exposure to solvent), according to the American Conference of Governmental Industrial Hygienists.

EMERGENCY AND FIRST AID PROCEDURES:

Skin: Wash with mild soap and water. Launder clothes before reuse.
Eyes: Flush eyes with copious amounts of water. Contact physician.
Inhalation: Move to fresh air. Contact physician.
Ingestion: If product is swallowed, DO NOT induce vomiting. Contact physician immediately.

REACTIVITY

Stability: Stable

Incompatibilities (materials to avoid): Strong oxidizers

Hazardous Decomposition Products: SiO₂, CO, CO₂, and hydrocarbon decomposition products at elevated temperatures

Hazardous Polymerization: Will not occur

SPILL, LEAK AND DISPOSAL PROCEDURES

ACTION FOR SPILLS: Prevent spills of the purchased product from entering the environment. If a spill occurs, contain it. Remove ignition sources. Ventilate the area. Wear gloves and other protective equipment. Do not enter confined areas of a spill without auxiliary air equipment. Absorb it on a suitable absorbent material, such as sand or clay, and discard it to solid waste. Contact proper authorities to report the spill whenever the reportable quantity has been exceeded.

DISPOSAL METHOD: The purchased product contains naphtha; therefore, do not allow it to enter sewers, streams or other water courses. It has been evaluated for R.C.R.A. characteristics and does meet the criteria of a federal hazardous waste, because of ignitability. Disposal of the purchased product must be to a licensed waste treatment facility for burning, incineration or solvent recovery. Disposal must be done in compliance with applicable local, state, and federal regulations and in a manner acceptable to good waste management practices.

RCRA Hazardous Waste: This product would be considered hazardous waste if disposed of in its original form. Under R.C.R.A. requirements, it is the responsibility of the user of products to determine, at the time of disposal, whether the spent solution of the product meets R.C.R.A. criteria for hazardous waste. This is because product uses, processes and soil compositions may render the resulting material hazardous. Disposal of the spent solutions of the product should be made in a manner acceptable to good waste management practices and in compliance with applicable local, state, and federal regulations.

HANDLING AND CONTROL MEASURES

Ventilation: Local: Recommended
Mechanical: Recommended
Respiratory protection: None required under normal use.
Protective Clothing: Protective clothing, apron and gloves as needed
depending on level of exposure.

Eye Protection: Goggles or safety glasses with side shields.

Safety Equipment: Eye Fountain and safety shower located in the work area.

STORAGE RECOMMENDATIONS AND PRECAUTIONS

Store in a dry, well ventilated area.
Store away from ignition sources and protect from static electrical sparks.
Ground all pumping equipment.
Keep containers tightly closed when not in use.

REGULATORY

California Proposition 65 Certification:

This product does not contain, as an ingredient, any chemical listed under Proposition 65 as known to the state of California to cause cancer or reproductive toxicity. This product complies with California's Safe Drinking Water and Toxic Enforcement Act.

Reportable Ingredients:

SARA 313: none
SARA 302: none
CERCLA: none

SARA Title III:

Under the provision of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories: Fire.

This information may be subject to the provisions of the Community Right-to-Know Reporting Requirements (40 CFR 370) if threshold quantity criteria are met.

Toxic Substances Control Act (TSCA) Certification:

This product contains a mixture of ingredients. Each ingredient has been reviewed and found to be listed in the Toxic Substance Control Act Chemical Substance Inventory.

Clean Water Act/Oil Pollution Act:

This product is classified as an oil under Section 311 of the Clean Water Act (40 CFR 110) and the Oil Pollution Act of 1990. Discharge or spills which produce a visible sheen on either surface water, or in waterways/sewers which lead to surface water, must be reported to the National Response Center at 800-424-8802.

DISCLAIMER

The information presented on this MSDS is believed to be factual; however, nothing contained in the information is to be taken as a warranty or representation for which Huron Technologies bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.