

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Telephone numbers: (517) 546-4520

Manufacturer/Supplier: CHEM-TREND LIMITED PARTNERSHIP  
P.O. BOX 860  
HOWELL, MI 48844-0860

Product Name: PRC-783

## 2. HAZARDS IDENTIFICATION

Physical State: Liquid

Appearance: Viscous Liquid

Color: White

Odor: Hydrocarbon

Emergency Overview: WARNING: COMBUSTIBLE! Vapors may travel to a source and flash back

Principle routes of exposure: Skin, eyes, respiratory tract, gastrointestinal tract

See Toxicological Information (section 11)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Registry Number	Weight %
Hydrocarbon naphtha 1	-	90 - 100%
Release blend	Proprietary	5 - 10%

## 4. FIRST AID MEASURES

**Skin contact:** Wash off immediately with soap and plenty of water, removing all contaminated clothes and shoes.

**Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and contact a physician.

**Inhalation:** Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Move to fresh air. If symptoms persist, call a physician.

**Ingestion:** Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. Aspiration may cause pulmonary oedema and pneumonitis. Contact a physician immediately.

#### 4. FIRST AID MEASURES

**Aggravated Medical Conditions:** No information available.

**Notes to physician:** No information available.

#### 5. FIRE-FIGHTING MEASURES

**Flash point:** 103 °F , 39°C (Pensky-Martens, ASTM D 93, ISO 1523, DIN 51 755)

**Flame extension test, inches (aerosol products only):** Not applicable or no information available.

**Suitable extinguishing media:** Carbon dioxide (CO2). Dry chemical. Foam. Do not use a direct stream of water..

**Unusual hazards:** Combustible material.

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

**Specific methods:** Standard procedure for chemical fires. Cool containers / tanks with spray water

**Explosive properties:** No information available.

#### 6. ACCIDENTAL RELEASE MEASURES

**Method(s) for cleanup:**

**Small spills:** Take precautionary measures against static discharges. Soak up with inert absorbent material and dispose of as hazardous waste.

**Large spills:** Dam up. Take precautionary measures against static discharges. Take up mechanically and collect in suitable container for disposal.

#### 7. HANDLING AND STORAGE

**Handling:**

**Technical measures/precautions:** Ensure adequate ventilation. Take precautionary measures against static discharges.

**Safe handling advice:** Handle in accordance with good industrial hygiene and safety practice.  
Normal measures of preventive fire protection.  
Take precautionary measures against static discharges.  
Keep product and empty container away from heat, open flames, and other sources of ignition.  
Bond and ground containers during transfer of material.  
Do not puncture empty containers.  
Do not re-use empty containers for other materials.

**Storage:**

## 7. HANDLING AND STORAGE

<b>Technical measures/storage conditions:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep product and empty container away from open flames, hot surfaces and sources of ignition. Store at temperatures not exceeding 110°F.
<b>Incompatible products:</b>	Strong oxidizing agents.
<b>Other precautions:</b>	None

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS Registry Number	ACGIH TWA:	OSHA - TWA:	OSHA - Skin Notations	OSHA Z3 Mineral Dusts
Hydrocarbon naphtha 1	-	100 ppm	=500ppmTWA =2900mg/m <sup>3</sup> TWA	-	-
Release blend	Proprietary	-	-	-	-

**Engineering measures to reduce exposure:** Ensure adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

### Personal Protective Equipment

- Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment.
- Hand protection:** Impervious gloves
- Eye protection:** Tightly-fitting safety goggles or safety glasses with side shields.
- Skin and body protection:** Lightweight protective clothing. Usual safety precautions while handling the product will provide adequate protection against this potential effect.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Initial boiling point:</b>	>250°F, >121 °C
<b>Specific gravity:</b>	0.77
<b>Bulk density (lb/gal):</b>	6.42
<b>Vapor pressure in mm Hg at 20 °C (68 °F):</b>	12 (hydrocarbon naphtha)
<b>Vapor density (air = 1):</b>	>1
<b>Evaporation rate:</b>	<1 (n-butyl acetate = 1)
<b>Volatiles content (%):</b>	90 - 100%
<b>Solubility in water:</b>	Insoluble
<b>pH of concentrate:</b>	Not applicable.
<b>Flash point:</b>	103 °F , 39°C (Pensky-Martens, ASTM D 93, ISO 1523, DIN 51 755)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point/range: Not applicable

Flammability limits in air: Percent by volume

Ingredient	CAS Registry Number	Lower (%):	Upper (%):
Hydrocarbon naphtha 1	-	1.0	6.0

## 10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition.

Materials to avoid: Strong oxidising agents.

Hazardous decomposition products: Carbon oxides.

Polymerization: Hazardous polymerisation does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Component Information:

Ingredient	CAS Registry Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrocarbon naphtha 1	-	-	-	-
Release blend	Proprietary	-	-	-

**Acute effects** Product contains proprietary ingredients. Health hazards are listed below.

**Skin contact:** Prolonged contact may defat skin, causing irritation and/or dermatitis.

**Eye contact:** May cause eye irritation.

**Inhalation:** High levels above the TLV cause stupor, headache, nausea, dizziness, unconsciousness, and may produce adverse effects on vision.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Material entering lungs during swallowing or vomiting causes lung inflammation and other lung injury.

**Sensitization:** No information available.

**Other effects:** No information available.

## 11. TOXICOLOGICAL INFORMATION

### Chronic effects

#### Carcinogenic effects:

Ingredient	CAS Registry Number	NTP:	IARC:	OSHA:
Hydrocarbon naphtha 1	-	No	No	No
Release blend	Proprietary	No	No	No

**Mutagenic effects:** No information available.

**Reproductive toxicity:** No information available.

**Target organ effects:** No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Method(s) of disposal:** Dispose of in accordance with local, state, and federal regulations.

**US EPA Waste code(s):** D001 because of its ignitability if the product is disposed of in its original form.

#### 14. TRANSPORTATION INFORMATION

**IMDG - Marine Pollutants** This product does not contain marine pollutants as classified by the International Maritime Organization.

**Emergency Response Guidebook 128 (ERG) No:**

#### DOT

**UN/NA ID No:** NA1993  
**Proper shipping name:** Combustible liquid, n.o.s. (Contains Hydrocarbon Naphthas)  
**Hazard Class:** Combustible liquid  
**Packing group:** III

#### ICAO/IATA

**UN ID No:** UN1993  
**Proper shipping name:** Flammable liquid, n.o.s. (Contains Hydrocarbon Naphthas)  
**Hazard Class:** 3  
**Packing group:** III

#### IMDG/IMO

**UN ID no:** UN1993  
**Proper shipping name:** Flammable liquid, n.o.s. (Contains Hydrocarbon Naphthas)  
**Hazard class:** 3  
**Packing group:** III

#### 15. REGULATORY INFORMATION

#### U.S. Regulations

**OSHA Hazardous Chemical:** Yes

#### Sara Title III

#### **CERCLA/SARA (304) Hazardous Substances and RQs**

Ingredient	CAS Registry Number	Weight %	RQ
Hydrocarbon naphtha 1	-	90 - 100%	-
Release blend	Proprietary	5 - 10%	-

#### **SARA (302) Extremely Hazardous Substances and RQs**

Ingredient	CAS Registry Number	Weight %	RQs
Hydrocarbon naphtha 1	-	90 - 100%	-
Release blend	Proprietary	5 - 10%	-

#### **SARA (311/312) Classification:**

**Acute health hazard:** Yes

Revision number: 0

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**15. REGULATORY INFORMATION**

**Chronic health hazard:** No  
**Fire:** Yes  
**Sudden release of pressure:** No  
**Reactive:** No

**SARA (313) Toxic Chemicals**

Ingredient	CAS Registry Number	Weight %	SARA (313) List
Hydrocarbon naphtha 1	-	90 - 100%	Not Listed
Release blend	Proprietary	5 - 10%	Not Listed

**International Inventories**

<b>Australia:</b>	All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
<b>Canada:</b>	This product complies with DSL
<b>China:</b>	This product complies with CLECS.
<b>Europe:</b>	This product complies with EINECS
<b>Japan:</b>	This product does not comply with ENCS/MITI.
<b>Korea:</b>	Listed on ECL.
<b>New Zealand:</b>	This product complies with NEWZ
<b>Philippines:</b>	This product complies with PICCS.
<b>United States:</b>	This product complies with TSCA.

**16. OTHER INFORMATION**

**Hazardous Material Information System (USA):**

**Health:** 1      **Flammability:** 2      **Physical hazard:** 0      **Personal Protection code:** H

**National Fire Protection Association (USA):**

**Health:** 1      **Flammability:** 2      **Instability:** 0      **Special Hazards:** None

All revisions are marked with one or more asterisks (\*)

**Prepared by:** Karen M. Kuroda

**Revision number:** 0  
**Revision date:** 04/10/2008  
**Review date:** 04/11/2008  
**Print date:** 04/11/2008

**Disclaimer**

**16. OTHER INFORMATION**

*Information presented herein has been compiled from information provided to us by our suppliers and other sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or the use of any product in violation of any patent or in violation of any law or regulation. It is the users' responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us.*