

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** CoolPAK™ L3375  
**Other means of identification** None.  
**Recommended use** Metal Working Fluids.  
**Recommended restrictions** Applicable for industrial settings only. No other uses are advised.

### Manufacturer/Importer/Supplier/Distributor information

#### Manufacturer

**Company Name** Master Chemical Corp d/b/a Master Fluid Solutions  
**Address** 501 West Boundary Street  
 Perrysburg, Ohio 43551-1200  
 United States  
**Telephone** 419-874-7902  
**Website** www.masterfluidsolutions.com  
**E-mail** info@masterchemical.com  
**Emergency phone number** CHEMTREC 1-800-424-9300

## 2. Hazard(s) identification

**Physical hazards** Not classified.  
**Health hazards** Aspiration hazard Category 1  
**Environmental hazards** Not classified.  
**OSHA defined hazards** Not classified.

### Label elements



**Signal word** Danger  
**Hazard statement** May be fatal if swallowed and enters airways.  
**Precautionary statement**  
**Prevention** Observe good industrial hygiene practices.  
**Response** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.  
**Storage** Store locked up.  
**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
SEVERELY HYDROTREATED PETROLEUM OIL		64742-55-8	50 - < 60
DISTILLATES, HYDROTREATED HEAVY PARAFFINIC		64742-54-7	30 - < 40
Other components below reportable levels			10 - < 20

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air.
<b>Skin contact</b>	Wash affected area with mild soap and water.
<b>Eye contact</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.
<b>Ingestion</b>	In the unlikely event of swallowing contact a physician or poison control center. Do not induce vomiting.
<b>Most important symptoms/effects, acute and delayed</b>	None known.
<b>General information</b>	Get medical attention, if needed.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Dry chemical, CO2, water spray or alcohol resistant foam. Use fire-extinguishing media appropriate for surrounding materials.
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Specific hazards arising from the chemical</b>	No unusual fire or explosion hazards noted.
<b>Special protective equipment and precautions for firefighters</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Use personal protective equipment as required. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Soak up with inert absorbent material. Clean up in accordance with all applicable regulations.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Do not taste or swallow.
<b>Conditions for safe storage, including any incompatibilities</b>	The product is stable and non-reactive under normal conditions of use, storage and transport. Store in a dry place. Store in a closed container.

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
SEVERELY HYDROTREATED PETROLEUM OIL (CAS 64742-55-8)	PEL	5 mg/m <sup>3</sup>	Mist.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
DISTILLATES, HYDROTREATED HEAVY PARAFFINIC (CAS 64742-54-7)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
SEVERELY HYDROTREATED PETROLEUM OIL (CAS 64742-55-8)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
SEVERELY HYDROTREATED PETROLEUM OIL (CAS 64742-55-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Appropriate engineering controls** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Eye wash fountain and emergency showers are recommended.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Safety glasses.

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**General hygiene considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties**

**Physical state** Liquid.

**Color** Brown

**Odor** Mild oily

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** 44.49 °F (6.94 °C)

**Initial boiling point and boiling range** 280.4 °F (138 °C)

**Flash point** 305.6 °F (152.0 °C)

**Evaporation rate** < 1 BuAc

**Flammability (solid, gas)** Not applicable.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** Not available.

**Vapor density** Not available.

**Relative density** Not available.

**Solubility(ies)**

**Solubility (water)** Insoluble

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

**Other information**

**Flash point class** ASTM D93-08

**Kinematic viscosity** 20.3 cSt

**Kinematic viscosity temperature** 104 °F (40 °C)

**Specific gravity** 0.87 - 0.896

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	None known.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids. Alkalis. Water.
<b>Hazardous decomposition products</b>	To avoid thermal decomposition, do not overheat.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	Not classified.
<b>Eye contact</b>	Not classified.
<b>Ingestion</b>	May be fatal if swallowed and enters airways.

**Symptoms related to the physical, chemical and toxicological characteristics** None known.

### Information on toxicological effects

**Acute toxicity** Not classified.

<b>Product</b>	<b>Species</b>	<b>Test Results</b>
CoolPAK™ L3375		
<b><u>Acute</u></b>		
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg

**Skin corrosion/irritation** Not classified.

**Serious eye damage/eye irritation** Not classified.

### Respiratory or skin sensitization

**Respiratory sensitization** Classification not possible. Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Classification not possible.

**Specific target organ toxicity - repeated exposure** Classification not possible.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Chronic effects** None known.

## 12. Ecological information

**Ecotoxicity** Not available.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Follow precautions for safe handling described in this safety data sheet.

### 14. Transport information

#### DOT

Not regulated as dangerous goods.

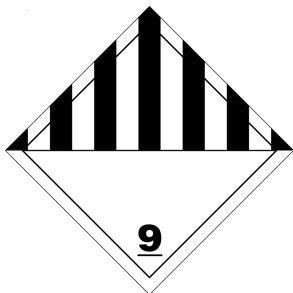
#### IATA

Not regulated as dangerous goods.

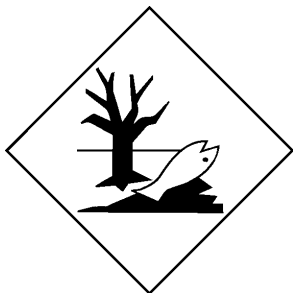
#### IMDG

<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALKANES, C14-16, CHLORO)
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	YES
<b>EmS</b>	F-A, S-F
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not established.

#### IMDG



#### Marine pollutant



### 15. Regulatory information

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

<b>Hazard categories</b>	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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