



Suite 450
One North Shore Center
12 Federal Street
Pittsburgh, PA 15212

Safety Data Sheet

KR-DF7018

1. IDENTIFICATION

Product name	KR-DF7018
Description	Organic Defoamer / Antifoam
Product class	Antifoam / Defoamer
Supplier address	Suite 450 One North Shore Center 12 Federal Street Pittsburgh, PA 16212
Telephone numbers	<u>Company</u>
<u>Phone Number</u>	(412) 321-9800
<u>Emergency Telephone</u>	CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status	HNOC: This product is considered a hazardous chemical according OSHA GHS Hazard Communication regulation 29 C.F.R. § 1910.1200.
Hazard classification	NA
Signal word	NA
Hazard statements	NA
Pictograms of related hazards	NA
Hazards not otherwise classified	Defatting to the skin. Prolonged or repeated contact may dry skin and cause irritation.
Precautionary statements	NA

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous or Regulated Components

Chemical Name	CAS #	Weight %
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	88-96

The precise concentration is being withheld as a proprietary trade secret. Bona fide requests for disclosure to medical personnel must be made in accordance with the procedures in 29 C.F.R. § 1910.1200(i)1-13.

4. FIRST-AID MEASURES

Eye contact

Flush eyes with gently flowing water for a minimum of fifteen minutes. Check for and remove contact lenses. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If irritation develops, seek medical attention immediately.

Skin contact

Wash exposed areas with soap and water. Remove contaminated clothing while washing continuously. Discard contaminated clothing and shoes.

Ingestion

If swallowed, dilute with two glasses of water. Seek medical attention immediately. INDUCE VOMITING ONLY UPON ADVICE OF A PHYSICIAN. Never give anything by mouth if victim is unconscious or having convulsions.

Inhalation

Move victim to fresh air. Assist in breathing, if necessary, and seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

This product will ignite when exposed to an ignition source while at a temperature at or above its flash point. Use carbon dioxide, dry chemical or alcohol-type foam or universal-type foams to extinguish flames. Water spray may be used to cool fire-exposed containers.

Unsuitable extinguishing media

No information available.

Protective equipment precautions for firefighters

and Wear self-contained breathing apparatus and protective clothing when combating a chemical fire in a confined area.

Specific hazards

Thermal breakdown of this product will evolve the following decomposition products: fumes, smoke, carbon monoxide, carbon dioxide and traces of incompletely burned hydrocarbon compounds. Overexposure to the products of combustion may result in respiratory irritation.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Remove spills promptly as they may make floors slippery. Several washes and/or the use of detergents may be necessary to completely clean any spill. Wear recommended protective equipment outlined in Section 8 of this document and provide adequate ventilation during clean-up.

Methods for clean-up

Spills should be contained, solidified with absorbent, noncombustible material and placed in labeled containers for disposal. Material should be disposed of at a licensed facility. As supplied, this material is not regulated by RCRA or CERCLA.

7. HANDLING AND STORAGE

Advice on safe handling

Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wash thoroughly after handling. Ensure that containers are properly secured prior to moving.

Storage conditions

Keep container closed during any storage. Protect from moisture and foreign materials. Avoid direct sunlight. Store product away from combustible materials. For optimum storage conditions, store between 45°F and 100°F.

Materials to avoid

No information available

Storage Stability

Keep out of sun and away from heat, sparks or open flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	OSHA PEL	ACGIH TLV
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	5 mg/m ³ (Mist) 8 Hours	5 mg/m ³ (Inhalable fraction) 8 Hours

Occupational exposure controls Control airborne concentrations below the exposure guideline. General Ventilation is recommended.

Eye protection

Safety glasses with side shields are recommended as a minimum, but chemical goggles or a face shield provide better protection.

Skin protection

Skin contact should be minimized. Wash all affected areas prior to eating and at completion of handling. Contaminated clothing should be removed at completion of handling. Impervious gloves (butyl, neoprene, nitrile), coveralls or apron and boots are recommended.

Respiratory protection

If proper ventilation is unavailable, use an NIOSH approved air-purifying respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

pH	ND
Appearance	Tan to pale amber opaque liquid
Odor	mild odor
Specific Gravity	0.885
Pour point	35°F
Melting/freezing point	ND
Boiling point/boiling range	ND
Flash point	> 149°C (>300°F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability	No information available
Vapor pressure	No data available
Vapor density	No data available
VOC content	3.2%, EPA Test Method 24
Solubility	Dispersible in water
Partition coefficient n-octanol/water	Not determined
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	600-1500 cP

10. STABILITY AND REACTIVITY

Reactivity	Non-reactive product under normal use conditions.
Chemical stability	Stable under normal conditions of storage and handling.
Hazardous polymerization	Polymerization will not occur under normal use conditions.
Conditions to avoid	Heat, sparks and open flames
Incompatibilities	Strong acids, alkalis and strong oxidizing agents.
Hazardous decomposition products	Not anticipated under normal use conditions.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure Skin, eyes, ingestion

Acute toxicity

Test Material	Parameter	Result
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	LD50, Oral (rat)	>5000 mg/L
	LD50, Dermal (rabbit)	>2000 mg/L
	LD50, Inhalation dust & mist (rat)	5.7 mg/L / 4 hours

Irritation and corrosion

Eye (acute)	May cause transient irritation, redness and/or tearing.
Eye (chronic)	No chronic effects anticipated.
Skin (acute)	May cause skin irritation and defatting of the skin.
Skin (chronic)	Prolonged and repeated contact can de-fat the skin and lead to irritation, cracking and/or dermatitis.
Ingestion (acute)	May result in nausea/intestinal discomfort.
Ingestion (chronic)	No chronic effects anticipated.
Inhalation (acute)	May irritate mouth, throat and stomach.
Inhalation (chronic)	No chronic effects anticipated.

Long term toxicity

Reproductive effects	None known.
Mutagenicity	None known.
Embryotoxicity	None known.
Sensitization to product	None known.
Synergistic products	None known.
Carcinogenicity	None known. Oil contains less than 3 % DMSO extract as measured by IP 346.
Chronic	None known.

12. ECOLOGICAL INFORMATION

Test Material	Parameter	Result
Product	48 hr LC50, Ceriodaphnia dubia	68.13 mg/L

Mobility No information.

Biological degradability: No information
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Bioaccumulative potential No information

13. DISPOSAL CONSIDERATIONS

Disposal Discarded product is not considered a hazardous waste under RCRA, 40 CFR 261. Please dispose of in accordance with all local, state and federal regulations. It is recommended that the waste be incinerated or land filled at a licensed facility. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product.

14. TRANSPORT INFORMATION

US Department of Transportation (DOT) Not classified as dangerous in the meaning of transport regulations.

UN Number

Proper shipping name

Primary hazard class/division

Packing group

Label

15. REGULATORY INFORMATION

SARA Section 311/312 Categories

Acute

SARA 302 Extremely Hazardous Substances

None Present ()

SARA 313 - Specific Toxic Chemical Listings

As supplied, no chemical in this product exceeds the de minimis reporting level established by SARA Title III, Section 313 and 40 CFR 372.

California Proposition 65

This product does not intentionally contain any chemicals known by the State of California to cause birth defects, cancer and/or other reproductive harm. Additionally, based on theoretical calculations using vendor toxicity data, it was determined that this product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a notification/action under the statute.

Notification status

All components of this product are included on or exempt from the following national chemical inventories:

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United States (TSCA)
Canada (DSL)
Australia (AICS)
China (IECSC)
Korea (KECL)
Philippines (PICCS)
Japan (ENCS)
Europe (EINECS)

16. OTHER INFORMATION

HMIS Ratings	Health—1; Flammability—0; Reactivity—0
NFPA Codes	Health—1; Flammability—0; Reactivity—0; Special Hazard—None
Hazard Rating Scale	Minimal—0; Slight—1; Moderate—2; Serious—3; Severe—4
SDS Issue Date	January 18, 2018
Revision Date	Version 1

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.