

NTP: 1 - Evidence of Carcinogenicity.

## Free All

OSHA: Yes

Reproductive toxicity: no data available

Teratogenicity: Developmental Toxicity - mouse - Inhalation:

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Effects on Embryo or Fetus: Fetal death.

Developmental Toxicity - mouse - Inhalation:

Specific Developmental Abnormalities: Central nervous system. Specific Developmental Abnormalities: Musculoskeletal system. Specific Developmental Abnormalities: Cardiovascular (circulatory) system. no data available

Specific target organ toxicity - single exposure (Globally Harmonized System): May cause respiratory irritation. Specific target organ toxicity - repeated exposure (Globally Harmonized System): no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: Blurred vision, Dermatitis, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Oleic acid cas :(112-80-1) [30-40%]

Acute toxicity:

LD50 Oral - rat - 74,000

mg/kgInhalation: no data

available Dermal: no data available

LD50 Intravenous - rat - 2.4 mg/kg Remarks: Lungs, Thorax, or Respiration:Acute pulmonary edema. Lungs, Thorax, or Respiration:Other changes.

LD50 Intraperitoneal - mouse - 282 mg/kg

LD50 Intravenous - mouse - 230 mg/kg Remarks: Behavioral:Convulsions or effect on seizure threshold.

Skin corrosion/irritation: Skin - Human Result: Skin irritation - 3 d

Serious eye damage/eye irritation: Eyes - rabbit Result: Mild eye

irritationRespiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data

availableCarcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: no component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data

availableAspiration hazard: no data available

Additional Information: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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## ECOLOGICAL INFORMATION

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC 64742-52-5**

Ecotoxicity: Not expected to be harmful to aquatic organisms.

Persistence and degradability: Not inherently biodegradable.

Bioaccumulative potential: Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

Mobility in soil: Not 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.

## Free All

Distillates (petroleum), hydrotreated light **64742-47-8:**  
 Acute EC50 >1000 mg/l Algae 72 hours  
 Acute LC50 >1000 mg/l Fresh water Daphnia 48 hours  
 Persistence and degradability: 69 % - Readily - 28 days  
 Bioaccumulative potential: Not available.  
 Mobility in soil: Not available.

**Methyl isobutyl ketone cas :(108-10-1) [20-30%]**

Toxicity:  
 Toxicity to fish LC0 - Leuciscus idus melanotus - 480 mg/l - 48 h.  
 Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 1,550 - 3,623 mg/l - 24 h.  
 and other aquatic invertebrates  
 Toxicity to algae EC50 - Desmodesmus subspicatus (green algae) - 980 - 2,000 mg/l - 48 h.  
 Persistence and degradability: Biodegradability Biotic/Aerobic  
 Bioaccumulative potential: no data available  
 Mobility in soil: no data available  
 PBT and vPvB assessment: no data available  
 Other adverse effects: no data available

**Oleic acid cas :(112-80-1) [30-40%]**

Toxicity:  
 Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 205 mg/l - 96 h.  
 Persistence and degradability: no data available  
 Bioaccumulative potential: no data available  
 Mobility in soil: no data available  
 Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted  
 Other adverse effects: no data available

### 13 DISPOSAL CONSIDERATIONS

Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete. Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste.

### 14 TRANSPORT INFORMATION

UN1993, Flammable liquids, n.o.s., 3, PGII, ((Methyl Isobutyl Ketone, Petroleum Distillates))

### 15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

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 [30-40%] Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5) NJHS,

TSCA [10-15%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA

[20-30%] RQ(5000LBS), Methyl isobutyl ketone (108-10-1) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[30-40%] Oleic acid (112-80-1) PA, TSCA



#### WARNING

This product can expose you to chemicals including Methyl isobutyl ketone, which is known to the State of California to cause cancer, and Methyl isobutyl ketone (MIBK), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Free All

### Regulatory Code Legend

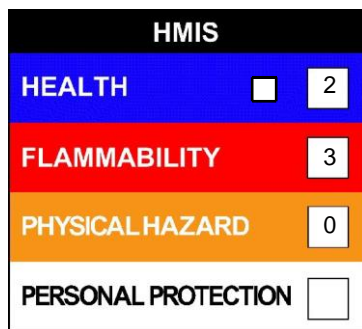
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 RQ = Reportable Quantity  
 NJHS = NJ Right-to-Know Hazardous Substances  
 TSCA = Toxic Substances Control Act  
 CERCLA = Superfund clean up  
 substanceHAP = Hazardous Air  
 Pollutants  
 MASS = MA Massachusetts Hazardous Substances List  
 OSHAWAC = OSHA Workplace Air Contaminants  
 PA = PA Right-To-Know List of Hazardous Substances  
 PROP65 = CA Prop 65  
 SARA313 = SARA 313 Title III Toxic Chemicals  
 TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
 TXAIR = TX Air Contaminants with Health Effects Screening Level  
 TXHWL = TX Hazardous Waste List

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## OTHER INFORMATION

**NFPA:** Health = 2, Fire = 3, Reactivity = 0, Specific Hazard = None

**HMIS III:** Health = 2, Fire = 3, Physical Hazard = 0



**Note:**

For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.

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