



# SAFETY DATA SHEET

## Joy-Mark Blend – PS401

### SECTION 1 – GENERAL INFORMATION

Manufacturer: Joy-Mark, Inc.  
5935 S. Pennsylvania Ave.  
Cudahy, WI 53110  
Emergency Contact: 414-769-8155

Product Identifier: Blend of light petroleum, fatty oils and fatty acids  
Product Application: Release agent  
Chemical Name: N/A  
Chemical Family: Petroleum oils, fatty oils and fatty acids

### SECTION II – HAZARD IDENTIFICATION

WARNING: Irritant, May cause damage to lungs with repeated inhalation.



### SECTION III – CHEMICAL COMPOSITION

<u>Components:</u>	<u>CAS Number</u>	<u>%</u>
Naphthenic Distillate	62742-53-6	>80%
Oleic Acid	112-80-1	>2%

Note: Specific percentages of chemical composition have been withheld due to proprietary information.

### SECTION IV – FIRST AID MEASURES

Inhalation: Remove to fresh air.  
Eyes: Flush with copious amounts of water for 15 minutes. Get medical attention if irritation persists.  
Skin: Wash with soap and water. Get medical attention if irritation persist.  
Ingestion: Do not induce vomiting. Drink large quantities of water. If vomiting occurs, drink more water. Get medical attention immediately.

### SECTION V - FIRE-FIGHTING MEASURES

Joy-Mark, Inc.  
5935 South Pennsylvania Avenue  
Cudahy, WI 53110  
Phone: (414) 769-8155  
Fax: (414) 769-1595  
[www.joy-mark.com](http://www.joy-mark.com)

Flash Point: Above 290 F  
Extinguishing Media: Water fog, Foam, Dry chemical powder, Carbon dioxide, Do not use water jet as extinguisher, as this may spread fire.  
Special Fire Fighting Procedures: **Do not use water jet as extinguisher.** NIOSH approved self-contained breathing apparatus when fighting fires is recommended.  
Unusual Fire and Explosion Hazards: No unusual explosion hazard. Cool unopened containers exposed to heat with water until well after the fire is out

---

## SECTION VI – ACCIDENTAL RELEASE CONTROL MEASURES

Steps to be taken in Case of a Spill: Eliminate ignition sources. Stop the flow of material by diking. Absorb with vermiculite, dry sand or earth, or absorbent material, then place in container. Clean spilled area with soap and water.

---

## SECTION VII – HANDLING AND STORAGE

Eye Protection: Wear protective goggles  
Hand/Skin Protection: Impervious gloves are recommended  
Storage: Store in well ventilated areas. Do not store near open flames, sources of heat or sources of ignition

---

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION PROCEDURES

<u>Components:</u>	<u>CAS Number</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Naphthenic Distillate	64742-53-6	>80%	NA	NA
Oleic Acid	112-80-1	>2%	NA	NA

### Control Measures:

Ventilation: Local ventilation is recommended to control carbon monoxide and carbon dioxide if product is heated above decomposition. General ventilation is adequate if product is used at ambient temperature.  
Respiratory Protection: None required when product is used at ambient temperature.  
Hand/Skin Protection: Impervious gloves are recommended.  
Eye Protection: Dust goggles are recommended.

---

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Liquid, slightly colored, mild petroleum odor.  
Specific Gravity (H2O=1): Approximately 0.9  
Solubility in water: Not determined  
Flash Point: >290 F  
pH: Not determined  
Evaporation Rate: Not determined  
Vapor Pressure: Not determined  
Vapor Density: Not determined  
LEL: Not determined  
UEL: Not determined  
Auto Ignition Temp: >600 F (Estimated)  
Boiling Point: >435 F  
Melting Point: NA  
Flammability: Combustible liquid-Class IIIB  
Viscosity: Not determined

Decomposition Temp: Not determined  
Partition Coefficient: Not determined

---

## SECTION X – STABILITY AND REACTIVITY DATA

Stability Data: Unstable \_\_Stable X  
Incompatibility (Conditions to Avoid): Strong oxidizing agents  
Hazardous Polymerization: May Occur \_\_Will Not Occur X  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

---

## SECTION XI – TOXICOLOGICAL INFORMATION

### Effects of Overexposure:

Inhalation: May cause respiratory irritation with prolonged inhalation of vapor.  
Eyes: May cause irritation to outer surface of eyes.  
Skin: May cause irritation and inflammation with prolonged or repeated exposure.  
Ingestion: May cause gastrointestinal disturbances, irritation, nausea, vomiting and diarrhea.

---

## SECTION XII – ECOLOGICAL INFORMATION

Hazard to Ozone Layer: Not determined  
Aquatic Hazard classification: Mixture  
Acute Aquatic Hazard: Not classified as an environmental hazard. Large or frequent spill in the environment may be harmful to the aquatic environment.  
Chronic Aquatic Hazard: Not classified

---

## SECTION XIII – DISPOSAL METHODS

Dispose of in accordance with local, state, and federal regulations.

---

## SECTION VX – TRANSPORT INFORMATION

Not Regulated

---

## SECTION XV – REGULATORY INFORMATION

OSHA Standards for General Industry (29 CFR Part 1910). American Conference of Governmental Industrial Hygienist TLVs  
International Agency for Research on Cancer (IARC)  
U. S. Department of Transportation  
International Maritime Dangerous Goods Code  
RCRA 40 CFR Parts 239-282 Subtitle D

---

## SECTION XVI – SDS PREPARATION DATE

May 2015