

## SAFETY DATA SHEET



Date Issued : 11/11/2009  
 SDS No : RELEASE #78  
 Date Revised : 11/02/2021  
 Revision No : 4

## RELEASE #78

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** RELEASE #78

**GENERAL USE:** Release agent

**MANUFACTURER**

BJB Enterprises, Inc.  
 14791 Franklin Avenue  
 Tustin, CA 92780  
**Emergency Phone:** (714) 734-8450

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (USA & Canada):** (800) 424-9300  
 or (703) 527-3887 CCN# 2820

## 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS****Health:**

Aspiration Hazard, Category 1  
 Skin Irritation, Category 2  
 Target Organ Toxicity (Single exposure), Category 3

**Environmental:**

Chronic Hazards to the Aquatic Environment, Category 2

**Physical:**

Flammable Liquids, Category 2

**GHS LABEL**

Flame



Health hazard

Exclamation  
mark

Environment

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS**

H225: Highly flammable liquid and vapour.  
 H304: May be fatal if swallowed and enters airways.  
 H315: Causes skin irritation.  
 H336: May cause drowsiness or dizziness.  
 H411: Toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS****Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233: Keep container tightly closed.  
 P240: Ground and bond container and receiving equipment.  
 P241: Use explosion-proof electrical/ventilating/lighting/material-handling equipment.  
 P242: Use non-sparking tools.  
 P243: Take action to prevent static discharges.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P271: Use only outdoors or in a well-ventilated area.  
 P264: Wash thoroughly after handling.

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P280: Wear protective gloves/protective clothing/eye protection/face protection.

P273: Avoid release to the environment.

**Response:**

P370+P378: In case of fire: Use water spray, carbon dioxide, dry chemical, or foam for extinction.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

P331: Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor/physician if you feel unwell.

P391: Collect spillage.

**Storage:**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P235: Keep cool.

P405: Store locked up.

**Disposal:**

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Naphtha (petroleum), light alkylate	60 - 100	64741-66-8

**4. FIRST AID MEASURES**

**EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical advice/attention.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical advice/attention if irritation or rash develops. Wash clothing before reuse.

**INGESTION:** If swallowed, call a physician immediately. Do NOT induce vomiting. Provided the patient is conscious, wash out mouth with water. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get immediate medical attention.

**NOTES TO PHYSICIAN:** Symptomatic and supportive therapy as needed. Following severe exposure medical follow-up should be monitored for at least 48 hours.

**5. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Water spray, carbon dioxide, dry chemical, or foam.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and carbon dioxide.

**EXPLOSION HAZARDS:** Keep away from heat, sparks, and open flame. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.

**FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water spray. Remove containers from the fire area if possible. Do not release runoff from fire control methods to sewers or waterways.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and consider use of unmanned hose holders or monitor nozzles for fighting large fires.

**SENSITIVE TO STATIC DISCHARGE:** This material can accumulate static charges which can cause an incendiary electrical discharge.

**6. ACCIDENTAL RELEASE MEASURES**

**SPILL AND LEAK PROCEDURES:** Evacuate unnecessary personnel from the spill area. Wear necessary personal protective equipment (PPE) as specified in the SDS or the site emergency response plan. Eliminate all sources of ignition. Ensure adequate ventilation. Dike and contain spill. Prevent product from entering drains or waterways. Absorb with non-combustible material (such as sand, earth, diatomaceous earth, or vermiculite) and transfer to a container for disposal according to local/national regulations.

**ENVIRONMENTAL PRECAUTIONS**

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**WATER SPILL:** Do not discharge into drains, surface waters, or groundwater.

**GENERAL PROCEDURES:** Refer to section 8 of SDS for personal protection details.

**RELEASE NOTES:** Composition and extent of any spill should be evaluated against local regulations and reported to the proper agencies, if necessary.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Keep away from sources of ignition. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Avoid breathing vapor over open containers. Avoid open container exposure to damp air. Avoid breathing aerosols, mists, and vapors.

**HANDLING:** Use appropriate personal protective equipment as specified in Section 8. Handle in a well-ventilated area. Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

**STORAGE:** Store in a dry and well-ventilated place, away from excessive heat in the original or similar container. Avoid sources of ignition and incompatible materials. Protect from freezing. Containers should be tightly sealed to prevent contamination with foreign materials. Avoid unnecessary contact.

**STORAGE TEMPERATURE:** 65-80°F (18-27°C)

**SHELF LIFE:** 12 months from date of shipment under manufacturers recommended storage conditions.

**ELECTROSTATIC ACCUMULATION HAZARD:** This material can accumulate static charges which can cause an incendiary electrical discharge.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
Naphtha (petroleum), light alkylate	OSHA PEL	TWA	500	-
		STEL	-	-
	ACGIH TLV	TWA	300	-
		STEL	-	-
	NIOSH REL	TWA	-	-
		STEL	-	-

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety goggles or glasses are recommended. Plastic face shields should be used for complete face protection to protect against possible splashing or spraying of material. ANSI Z87.1 or approved equivalent.

**SKIN:** Chemical-resistant gloves and chemical goggles, face-shield, and synthetic apron or coveralls should be used to prevent contact with eyes, skin, or clothing. Wear nitrile or neoprene gloves. Chemical resistant gloves lined with polyethylene offer maximum protection.

**RESPIRATORY:** Exhaust ventilation recommended. An organic vapor cartridge or fresh air supplied respirator (NIOSH approved) may be necessary for certain applications. Consider the type of application, environmental concentrations, and other materials being used concurrently when determining respirator use and selection. Observe OSHA regulations for respirator use (29 CFR 1910.134).

**PROTECTIVE CLOTHING:** Protective clothing should be selected and used in accordance with "Guidelines for the Selection of Chemical Protective Clothing" published by ACGIH.

**WORK HYGIENIC PRACTICES:** Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Wash hands before eating.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Training is important. Follow all label precautions.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**RELEASE #78****ODOR:** Light hydrocarbon**COLOR:** Colorless**pH:** Not Applicable**PERCENT VOLATILE:** 60-100**FLASH POINT AND METHOD:** -8°C (17.6°F) Pinsky-Martens CC**LOWER EXPLOSION LIMIT:** 0.9%**UPPER EXPLOSION LIMIT:** 6.3%**AUTOIGNITION TEMPERATURE:** 442.2°C (828°F)**VAPOR PRESSURE:** No data available**VAPOR DENSITY:** > 1 (Air=1)**BOILING POINT:** No data available**SOLUBILITY IN WATER:** Negligible**SPECIFIC GRAVITY:** 0.71 (water=1) at 21°C (70°F)**VISCOSITY:** No data available**(VOC):** 426 to 710 g/l Calculated. Theoretical VOC minus water and exempt solvents.**10. STABILITY AND REACTIVITY****REACTIVITY:** Hazardous reactions will not occur under normal transport or storage conditions.**STABILITY:** This product is stable under normal ambient conditions of temperature and pressure.**CONDITIONS TO AVOID:** High temperatures, accumulation of static charges, flames and other possible ignition sources.**POSSIBILITY OF HAZARDOUS REACTIONS:** No data available**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide.**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.**11. TOXICOLOGICAL INFORMATION****ACUTE TOXICITY**

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
Naphtha (petroleum), light alkylate	> 5000 mg/kg Rat	> 2000 mg/kg Rabbit	> 20 mg/l Rat (4 h, vapor)

**SKIN CORROSION/IRRITATION:** Causes skin irritation.**SERIOUS EYE DAMAGE/IRRITATION:** No data available**RESPIRATORY OR SKIN SENSITISATION:** No data available**GERM CELL MUTAGENICITY:** No data available**REPRODUCTIVE TOXICITY:** No data available**STOT-SINGLE EXPOSURE:** May cause drowsiness or dizziness.**STOT-REPEATED EXPOSURE:** No data available**ASPIRATION HAZARD:** May be fatal if swallowed and enters airways.**12. ECOLOGICAL INFORMATION****ECOTOXICOLOGICAL INFORMATION:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Avoid release to the environment.**CHEMICAL FATE INFORMATION:** No data available**BIOACCUMULATION/ACCUMULATION:** No data available**ENVIRONMENTAL DATA:** This product may cause risk of hazardous effects to the environment.**DISTRIBUTION:** No data available**13. DISPOSAL CONSIDERATIONS**

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**DISPOSAL METHOD:** The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protections and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**EMPTY CONTAINER:** Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. **DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Petroleum distillates, n.o.s.

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN1268

**PACKING GROUP:** II

**NAERG:** 128

**LABEL:** Flammable liquid

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Petroleum distillates, n.o.s.

**UN/NA NUMBER:** UN1268

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** II

**ERG:** 3H

**LABEL:** Flammable liquid

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Petroleum distillates, n.o.s.

**UN/NA NUMBER:** UN1268

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** II

**EmS:** F-E, S-E

**LABEL:** Flammable liquid

**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HEALTH HAZARDS:** Acute Health Hazard, Fire Hazard

**313 REPORTABLE INGREDIENTS:** This product does not contain any substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** This product does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** This product does not contain any substances subject to TSCA Section 12(b) export notification.

**TSCA STATUS:** This product or its components are listed in or exempt from the TSCA inventory requirements.

**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)**

**29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** None of the chemicals in this product are considered highly hazardous by OSHA.

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**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm.

**OSHA HAZARD COMM. RULE:** The contents of the SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**CANADA**

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components in this product are listed in or exempted from the Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL).

**16. OTHER INFORMATION**

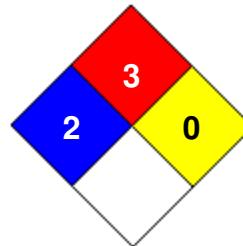
**REASON FOR ISSUE:** Revision

**Date Revised:** 11/02/2021

**REVISION SUMMARY:** This SDS replaces the 10/03/2018 SDS.

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>2</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>3</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input checked="" type="checkbox"/>	

**NFPA CODES**

**HMIS RATINGS NOTES:** Personal Protection: See Section 8

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