

SAFETY DATA SHEET



Date issued : 04/21/2010
 SDS number : RELEASE #79
 Date revised : 07/20/2022
 Revision number : 3

RELEASE #79

1. Identification

Product identifier: RELEASE #79

Relevant identified uses: Release agent

Manufacturer / Supplier

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

Emergency telephone number (24 hour)

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

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

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

Environmental hazards:

Chronic Hazards to the Aquatic Environment, Category 2

Physical hazards:

Flammable Liquids, Category 2

Label elements

Flame



Health hazard

Exclamation
mark

Environment

Signal word: DANGER

Hazard statement(s)

H225: Highly flammable liquid and vapour.
 H304: May be fatal if swallowed and enters airways.
 H315: Causes skin irritation.
 H361: Suspected of damaging fertility or the unborn child.
 H336: May cause drowsiness or dizziness.
 H411: Toxic to aquatic life with long lasting effects.

Precautionary statement(s)**Prevention:**

P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 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.

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- 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.
 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.
 P362+P364: Take off contaminated clothing and wash it before reuse.
 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.
 P308+P313: IF exposed or concerned: Get medical advice/ attention.
 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	% w/w	CAS No.
Naphtha (petroleum), light alkylate	80 - 100	64741-66-8
Modified siloxane	1 - 20	Proprietary

4. First-aid measures

- Eye:** 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, Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- 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.
- Indication of immediate medical attention and special treatment needed, if necessary:** Symptomatic and supportive therapy as needed. Following severe exposure medical follow-up should be monitored for at least 48 hours.

5. Fire-fighting measures

- Suitable extinguishing media:** Water spray, carbon dioxide, dry chemical, or foam.
- Hazardous combustion products:** Carbon monoxide, carbon dioxide, and hydrocarbons.
- 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.

6. Accidental release measures

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Small spill: 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

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.

Precautions for safe 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.

Conditions for safe 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.

8. Exposure controls/personal protection**Exposure controls**

Control parameters				
Chemical name	Type	Occupational exposure limit values		
		ppm	mg/m ³	
Naphtha (petroleum), light alkylate	OSHA PEL	TWA	500	-
		STEL	-	-
	ACGIH TLV	TWA	300	-
		STEL	-	-
	NIOSH REL	TWA	-	-
		STEL	-	-

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

Individual protection measures, such as personal protective equipment

Eye / face protection: 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 protection - hand protection: 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 protection: 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).

Skin protection - other: Protective clothing should be selected and used in accordance with "Guidelines for the Selection of Chemical Protective Clothing" published by ACGIH.

Occupational hygiene 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.

RELEASE #79**9. Physical and chemical properties****Physical state:** Liquid**Color:** Colorless**Odor:** Light hydrocarbon**pH:** Not Applicable**Initial boiling point and boiling range:** No data available**Flash point:** -8°C (17.6°F) Pensky-Martens CC**Lower explosion limit / flammability limit:** 0.9%**Upper explosion limit / flammability limit:** 6.3%**Vapor pressure:** No data available**Relative vapor density:** > 1 (Air=1)**Relative density:** 0.75 (water=1) at 21°C (70°F)**Solubility:** Negligible**Auto-ignition temperature:** 442.2°C (828°F)**Viscosity:** No data available**Percent volatiles:** 80-100**VOC content:** 600 to 750 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.**Chemical stability:** This product is stable under normal ambient conditions of temperature and pressure.**Conditions to avoid:** High temperatures and sources of ignition.**Possibility of hazardous reactions:** No data available**Hazardous decomposition products:** Carbon monoxide, carbon dioxide, and hydrocarbons.**Incompatible materials:** Strong oxidizing agents.**11. Toxicological information****Acute toxicity**

Chemical name	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)	LC ₅₀ (inhalation) mg/l
Naphtha (petroleum), light alkylate	> 5000 mg/kg Rat	> 2000 mg/kg Rabbit	> 20 mg/l Rat (4 h, vapor)
Modified siloxane	No data available	No data available	No data available

Skin corrosion / irritation: Causes skin irritation.**Serious eye damage / irritation:** No data available**Respiratory or skin sensitization:** No data available**Germ cell mutagenicity:** No data available**Reproductive toxicity:** Suspected of damaging fertility or the unborn child.**Specific Target Organ Toxicity - single exposure:** May cause drowsiness or dizziness.**Specific Target Organ Toxicity - 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.**Persistence and degradability:** No data available

RELEASE #79**Bioaccumulative potential:** No data available**Other adverse effects:** This product may cause risk of hazardous effects to the environment.**Mobility in soil:** No data available**13. Disposal considerations**

Disposal methods: 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**USA Department of Transport Regulations (DOT)****UN proper shipping name:** Petroleum distillates, n.o.s.**Transport hazard class(es):** 3**UN number:** UN1268**Packing group:** II**NAERG:** 128**Hazard label:** Flammable liquid**ICAO / IATA - air****UN proper shipping name:** Petroleum distillates, n.o.s.**UN number:** UN1268**Transport hazard class(es):** 3**Packing group:** II**ERG:** 3H**Hazard label:** Flammable liquid**IMO / IMDG - sea****UN proper shipping name:** Petroleum distillates, n.o.s.**UN number:** UN1268**Transport hazard class(es):** 3**Packing group:** II**EmS:** F-E, S-E**Hazard label:** Flammable liquid**15. Regulatory information****UNITED STATES****SARA Section 311/312 Hazard Categories****311/312 Health hazards:** Refer to Section 2 for hazard classification.**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 Hazardous Substances and Reportable Quantities (RQ)****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 (The Toxic Substances Control Act)**

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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.

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.

USA OSHA Hazard Communication Standard (29CFR 1910.1200): The contents of the SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

CANADA

WHMIS Regulatory Status: 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 Substances List (DSL) / Non-Domestic Substances List (NDSL): 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

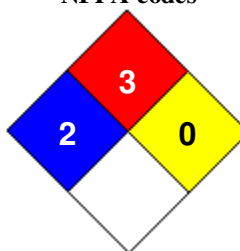
Reason for issue: Revision

Date revised: 07/20/2022

Revision summary: This SDS replaces the 03/11/2019 SDS.

HMIS rating

Health	*	2
Flammability		3
Physical hazard		0
Personal protection	X	

NFPA codes

HMIS ratings notes: Personal Protection: See Section 8

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