

SAFETY DATA SHEET



Date issued : 03/07/2016
 SDS number : INSTA-SET
 Date revised : 06/24/2022
 Revision number : 2

INSTA-SET

1. Identification

Product identifier: INSTA-SET
Relevant identified uses: Accelerator

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
 Acute Toxicity (Inhalation), Category 4
 Target Organ Toxicity (Single exposure), Category 3
 Target Organ Toxicity (Repeated exposure), Category 2

Physical hazards:

Flammable Liquids, Category 3

Label elements

Flame



Health hazard

Exclamation
mark

Signal word: DANGER

Hazard statement(s)

H226: Flammable liquid and vapour.
 H304: May be fatal if swallowed and enters airways.
 H332: Harmful if inhaled.
 H336: May cause drowsiness or dizziness.
 H373: May cause damage to organs through prolonged or repeated exposure.

Precautionary statement(s)**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.
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

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

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.

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.

P314: Get medical advice/attention if you feel unwell.

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), hydrotreated heavy	80 - 100	64742-48-9
N,N-dimethyl-p-toluidine	0.5 - 1.5	99-97-8

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 and carbon dioxide.

Fire fighting procedures: 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

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

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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: 6 months from date of shipment under manufacturers recommended storage conditions.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
Chemical name	Occupational exposure limit values			
	Type	ppm	mg/m ³	
Naphtha (petroleum), hydrotreated heavy	OSHA PEL	TWA	500	2000

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.

9. Physical and chemical properties

Physical state: Liquid

Color: Colorless

Odor: Slight

pH: Not Applicable

Initial boiling point and boiling range: 155°C (311°F) to 179°C (354.2°F)

Flash point: 44°C (111.2°F) ASTM D56

Evaporation rate (n-butyl acetate = 1): 0.29

Lower explosion limit / flammability limit: 0.7%

Upper explosion limit / flammability limit: 5.6%

Vapor pressure: < 1.17 mmHg at 20°C (68°F)

Relative vapor density: 5 (Air=1)


Relative density: 0.749 (water=1) at 25°C (77°F)

Solubility: Negligible

INSTA-SET**Auto-ignition temperature:** 340°C (644°F)**Dynamic viscosity:** 1.5 Centipoise at 25°C (77°F)**VOC content:** < 20 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 and carbon dioxide.**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), hydrotreated heavy	> 5000 mg/kg Rat	> 3160 mg/kg Rabbit	No data available
N,N-dimethyl-p-toluidine	No data available	No data available	No data available

Skin corrosion / irritation: No data available**Serious eye damage / irritation:** No data available**Respiratory or skin sensitization:** No data available**Germ cell mutagenicity:** No data available**Reproductive toxicity:** No data available**Specific Target Organ Toxicity - single exposure:** May cause drowsiness or dizziness.**Specific Target Organ Toxicity - repeated exposure:** May cause damage to organs through prolonged or repeated exposure.**Aspiration hazard:** May be fatal if swallowed and enters airways.**12. Ecological information****Ecotoxicological information:** No specific ecological data are available for this product. Refer to Section 6 for information regarding accidental release and Section 15 for regulatory reporting information.**Persistence and degradability:** No data available**Bioaccumulative potential:** No data available**Other adverse effects:** No data available**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.**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, if applicable:** III

INSTA-SET**NAERG:** 128**Hazard label:** Flammable liquid**Note:** Primary packs containing less than 500 ml are unregulated and may be shipped unrestricted.**ICAO / IATA - air****UN proper shipping name:** Petroleum distillates, n.o.s.**UN number:** UN1268**Transport hazard class(es):** 3**Packing group, if applicable:** III**ERG:** 3L**Hazard label:** Flammable liquid**Note:** Primary packs containing less than 500 ml are unregulated and may be shipped unrestricted.**IMO / IMDG - sea****UN proper shipping name:** Petroleum distillates, n.o.s.**UN number:** UN1268**Transport hazard class(es):** 3**Packing group, if applicable:** III**EmS:** F-E, S-E**Hazard label:** Flammable liquid**Note:** Primary packs containing less than 500 ml are unregulated and may be shipped unrestricted.**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)****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:**  **WARNING:** This product can expose you to chemicals including [see table below], which is [are] known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

Chemical name	% w/w	Listed
N,N-dimethyl-p-toluidine	0.5 - 1.5	● Cancer

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).

INSTA-SET**16. Other information**

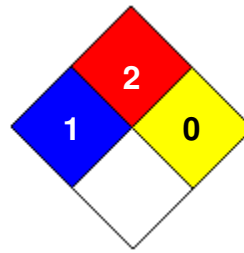
Reason for issue: Revision

Date revised: 06/24/2022

Revision summary: This SDS replaces the 02/27/2019 SDS.

HMIS rating

Health	*	1
Flammability		2
Physical hazard		0
Personal protection	X	

NFPA codes

HMIS ratings notes: Personal Protection: See Section 8

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