

SAFETY DATA SHEET



Date issued : 08/22/2023

SDS number : 7400 SERIES TRANSLUCENT DYES

7400 SERIES TRANSLUCENT DYES

1. Identification

Product identifier: 7400 SERIES TRANSLUCENT DYES

Relevant identified uses: Translucent Dye, Colorant

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:

Target Organ Toxicity (Single exposure), Category 3

Physical hazards:

Flammable Liquids, Category 3

Label elements



Flame



Exclamation
mark

Signal word: WARNING

Hazard statement(s)

H226: Flammable liquid and vapour.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.

Precautionary statement(s)

Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P271: Use only outdoors or in a well-ventilated area.
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.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P264: Wash thoroughly after handling.

Response:

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

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

Storage:

P403+P235: Store in a well-ventilated place. 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.
Propylene Glycol Monomethyl Ether	> 98	107-98-2

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, call a physician immediately. Do not induce vomiting unless directed to do so by medical personnel. Provided the patient is conscious, wash out mouth with water. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. Seek medical advice/attention if breathing becomes difficult or if respiratory irritation develops.

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

General hazard: Flammable liquid and vapor. Heat may cause the container to explode.

Suitable extinguishing media: Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

Explosion hazards: Flammable liquid and vapor. Flashback along vapor trail may occur. This material may be ignited by heat, sparks, flame, or static electricity. Closed containers may explode when exposed to extreme heat. Heating can release vapor which can be ignited.

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

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

Precautions for safe handling: Keep away from sources of ignition. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Do not breathe vapors, mists, or dust. Use appropriate personal protective equipment (PPE) as specified in Section 8. Use 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

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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	Type	Occupational exposure limit values		
		ppm	mg/m ³	
Propylene Glycol Monomethyl Ether	ACGIH TLV	TWA	100	369
		STEL	150	553
	NIOSH IDLH	TWA	100	360
		STEL	150	540
	OSHA PEL	TWA	100	360
		STEL	150	540

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

Chemical name	Flash Point (°C)
Propylene Glycol Monomethyl Ether	90

Physical state: Liquid

Appearance: Translucent

Color: Yes

Odor: Slight ethereal

pH: 7

Melting point: -97°C (-142.6°F)

Initial boiling point and boiling range: 120°C (248°F)

Flash point: 23°C (73.4°F) Closed Cup

Evaporation rate (n-butyl acetate = 1): No data available

7400 SERIES TRANSLUCENT DYES**Lower explosion limit / flammability limit:** 1.7 vol %**Upper explosion limit / flammability limit:** 11.5 vol %**Vapor pressure:** 10.9 mmHg at 25°C (77°F)**Relative vapor density:** 3.11**Relative density:** 0.92 (water=1) at 25°C (77°F)**Solubility:** No data available**Auto-ignition temperature:** 286°C (546.8°F)**Dynamic viscosity:** 1.7 Centipoise at 25°C (75°F)**VOC content:** No data available**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 acids, bases, and oxidizers.**11. Toxicological information****Acute toxicity**

Chemical name	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)	LC ₅₀ (inhalation) mg/l
Propylene Glycol Monomethyl Ether	5660	13000	15000

Skin corrosion / irritation: No data available**Serious eye damage / irritation:** Causes serious eye irritation.**Respiratory or skin sensitization:** No data available**Germ cell mutagenicity:** No data available**Reproductive toxicity:** No data available**Specific Target Organ Toxicity - single exposure:** No data available**Specific Target Organ Toxicity - repeated exposure:** No data available**Aspiration hazard:** No data available**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**Environmental data:** 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.**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

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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: 1-METHOXY-2-PROPANOL

UN number: UN3092

Transport hazard class(es): 3

Packing group: III

NAERG: 129

Hazard label: Flammable liquid

Note: In accordance with 49 CFR 173.150(b)(3), limited quantity shipments (<5.0L or 1.3 Gallons) of flammable liquids (Class 3) are exempted from labeling requirements when transported solely by land, as long as the material is not hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

ICAO / IATA - air

UN proper shipping name: 1-METHOXY-2-PROPANOL

UN number: UN3092

Transport hazard class(es): 3

Packing group: III

ERG: 3L

Hazard label: Flammable

Note: In accordance with 49 CFR 173.27(f)(3), limited quantity shipments (<5.0L or 1.3 Gallons) of flammable liquids (Class 3) may be shipped by air. Shipper's Declaration, and label and marking requirements still apply.

IMO / IMDG - sea

UN proper shipping name: 1-METHOXY-2-PROPANOL

UN number: UN3092

Transport hazard class(es): 3

Packing group: III

EmS: F-E, S-D

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)

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.

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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).

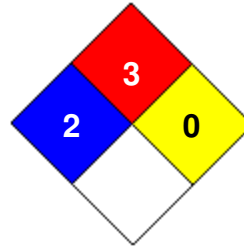
16. Other information

Reason for issue: New Issue

Date Prepared: 08/22/2023

HMIS rating

Health	<input type="checkbox"/>	2
Flammability	<input type="checkbox"/>	3
Physical hazard	<input type="checkbox"/>	0
Personal protection	<input checked="" type="checkbox"/>	X

NFPA codes

HMIS ratings notes: Personal Protection: See Section 8

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