



3100 N.W. 36th Street
 Miami, FL, 33142
 PH: (833) 423-0432
 www.gcelectronics.com

SDS Number: 211
 Revision Date: 06/29/2021
 Supersedes Date: 08/18/2015

SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: Q-DOPE THINNER

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Type:	Thinners/Solvent	Emergency Contact:	Chemtrec
Product Name:	Q-DOPE THINNER	Phone:	(800) 424-9300
Part Number(s):	10-4102		

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Ratings:

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Inhalation Toxicity	Acute Tox. 4	Gases>2500+<=5000ppm, Vapors>10+<=20mg/l, Dusts&mists>1+<=5mg/l
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Reproductive toxin	1A	Based on human evidence
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ? 20.5 mm2/s at 40° C.

GHS Hazards

H225	Highly flammable liquid and vapour	H319	Causes serious eye irritation
H304	May be fatal if swallowed and enters airways	H332	Harmful if inhaled
H315	Causes skin irritation	H360	May damage fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use	P243	Take precautionary measures against static discharge
P202	Do not handle until all safety precautions have been read and understood	P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking	P264	Wash ... thoroughly after handling
P233	Keep container tightly closed	P271	Use only outdoors or in a well-ventilated area
P240	Ground/bond container and receiving equipment	P280	Wear protective gloves/protective clothing/eye protection/face protection
P241	Use explosion-proof electrical/ventilating/light/.../equipment	P281	Use personal protective equipment as required
P242	Use only non-sparking tools		

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SECTION 2. HAZARD(S) IDENTIFICATION (CONTINUED)

P312	Call a POISON CENTER or doctor/physician if you feel unwell	P308+P313	IF exposed or concerned: Get medical advice/attention
P321	Specific treatment (see ... on this label)	P332+P313	If skin irritation occurs: Get medical advice/attention
P331	Do NOT induce vomiting	P337+P313	Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse	P370+P378	In case of fire: Use ... for extinction
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician	P405	Store locked up
P302+P352	IF ON SKIN: Wash with soap and water	P403+P235	Store in a well ventilated place. Keep cool
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower	P501	Dispose of contents/container to ...
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing		
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing		

Danger



SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Toluene 108-88-3 100.00 percent Vapor Pressure: 22.502 mmHg	200 ppm TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 375 mg/m3 TWA 150 ppm STEL; 560 mg/m3 STEL



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SECTION 4. FIRST-AID MEASURES

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult
- Remove and isolate contaminated clothing and shoes.
- Vapors may cause dizziness or suffocation.
- Inhalation or contact with material may irritate or burn skin and eyes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- May cause toxic effects if inhaled or absorbed through skin.
- Wash skin with soap and water.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

SECTION 5. FIRE-FIGHTING MEASURES

Flash Point: 4 C (39 F)

- Vapors may form explosive mixtures with air.
 - Vapors may travel to source of ignition and flash back.
 - Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
 - Vapor explosion hazard indoors, outdoors or in sewers.
 - Runoff to sewer may create fire or explosion hazard.
 - Containers may explode when heated.
 - Many liquids are lighter than water.
- Small Fire:
- Dry chemical, CO₂, water spray or alcohol-resistant
- Large Fire:
- Water spray, fog or alcohol-resistant foam.
 - Do not use straight streams.
 - Move containers from fire area if you can do it without risk.

Caution: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient.

FIREFIGHTING EQUIPMENT:

Dry chemical, CO₂, water spray or regular foam.



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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled materials.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- A vapor suppressing foam may be used to reduced vapors .
- Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers.
- Use clean non-spraking tools to collect absorbed material.

LARGE SPILLS:

- Dike far ahead of liquid spill for later disposal.
- Water spray may reduce vapor; but may not prevent ignition in closed spaces .

SECTION 7. HANDLING AND STORAGE

Handling:

- Use only in a well ventilated area.
- Avoid breathing vapor, fumes or mist.
- Avoid contact with eyes, skin, and clothing .
- Ground and bond containers when transferring material.
- Use spark-proof tools and explosion proof equipment.
- Always open containers slowly to allow any excess pressure to vent .
- After opening, purge container with nitrogen before reclosing.

-Follow all SDS/label precautions even after containers are emptied because they may retain product residue.

STORAGE:

- Keep away from heat, sparks, and flame.
- Store containers in a cool, well ventilated place.
- Keep containers closed when not in use.
- Storage under nitrogen atmosphere is recommended.
- Do not allow to evaporate to near dryness.
- Protect from direct sunlight.



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SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Toluene 108-88-3	200 ppm TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 375 mg/m3 TWA 150 ppm STEL; 560 mg/m3 STEL

Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety or engineering professionals.

- RESPIRATORY PROTECTION: Wear positive pressure self-contained breathing apparatus (SCBA)
- SKIN PROTECTION: Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed-suit, boots. Structural firefighters protective clothing will only provide limited protection.
- EYE PROTECTION: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent)
- OTHER PROTECTIVE EQUIPMENT: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
- HYGENIC PRACTICES: Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|--|---|
| <p>Appearance: Colorless Liquid</p> <p>Vapor Pressure: No Data</p> <p>Vapor Density: No Data</p> <p>Density: .872</p> <p>Freezing point: No Data</p> <p>Boiling Range C: 228-231</p> <p>Evaporation rate: No Data</p> <p>Explosive Limits: 1.0-7.0</p> | <p>Odor: Sweet Aromatic</p> <p>Odor threshold: No Data</p> <p>pH: No Data</p> <p>Melting point: No Data</p> <p>Solubility: No Data</p> <p>Flash point: 3.1</p> <p>Flammability: No Data</p> <p>Partition coefficient (n-octanol/water): No Data</p> |
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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

Autoignition temperature: No Data

Decomposition temperature: No Data

Viscosity: No Data

Grams VOC less water: No Data

SECTION 10. STABILITY AND REACTIVITY

Stability

STABLE

Incompatibilities

No Data Found

Hazardous Decomposition

No Data Found

Hazardous polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Mixture Toxicity

Oral Toxicity LD50: 2,600mg/kg

Inhalation Toxicity LC50: 13mg/L

Component Toxicity

108-88-3

Toluene

Oral LD50: 2,600 mg/kg (Rat) Inhalation LC50: 13 mg/L (Rat)

Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.



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SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

Information of Toxicological Effects:

Aspiration Hazard: May be fatal if swallowed and enters airways.

Skin Corrosion/Irritation: Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Eye Damage/Irritation: Causes mild eye irritation.

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.

No Data Found

Eyes	Kidneys	Liver	Central Nervous System	Skin	Respiratory System
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Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No Data Found

SECTION 12. ECOLOGICAL INFORMATION

Component Ecotoxicity

Toluene

96 Hr LC50 Pimephales promelas: 15.22 - 19.05 mg/L [flow-through] (1 day old);
 96 Hr LC50 Pimephales promelas: 12.6 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.89 - 7.81 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 14.1 - 17.16 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.8 mg/L [semi-static];
 96 Hr LC50 Lepomis macrochirus: 11.0 - 15.0 mg/L [static]; 96 Hr LC50 Oryzias latipes: 54 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 28.2 mg/L [semi-static];
 96 Hr LC50 Poecilia reticulata: 50.87 - 70.34 mg/L [static]
 48 Hr EC50 Daphnia magna: 5.46 - 9.83 mg/L [Static]; 48 Hr EC50 Daphnia magna: 11.5 mg/L
 96 Hr EC50 Pseudokirchneriella subcapitata: >433 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 12.5 mg/L [static]



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SECTION 13. DISPOSAL CONSIDERATIONS

Always dispose of any waste in accordance with all local, state, and federal regulations.

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

SECTION 14. TRANSPORTATION INFORMATION

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Toluene RQ	UN1294	PG II	3

SECTION 15. REGULATORY INFORMATION

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

108-88-3 Toluene 100.00 %

NJ Right to Know Chemicals:

108-88-3 Toluene 100.00 %

Pennsylvania Right to Know Chemicals:

108-88-3 Toluene 100.00 %



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SECTION 15. REGULATORY INFORMATION (CONTINUED)

The following chemicals are reportable under SARA 313.
 108-88-3 Toluene

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
USA	CERCLA TSCA	Yes Yes

SECTION 16. OTHER INFORMATION

Hazardous Material Information System (HMIS)

HEALTH	<input type="checkbox"/> 2	HMIS & NFPA Hazard Rating Legend * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH
FLAMMABILITY	<input type="checkbox"/> 3	
PHYSICAL HAZARD	<input type="checkbox"/> 0	
PERSONAL PROTECTION	<input checked="" type="checkbox"/> X	

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