

OSHA GHS SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier: QMaxx H2O Liquid

Recommended use of the chemical and restrictions on use: Corrosion inhibitor, penetrating lubricant

Manufacturer: QMaxx Products Group, Inc.
1781 Larkin Williams Rd.
Fenton, MO 63026

Telephone number: (888) 389-9455 or (314) 966-5800

Website: www.qmaxxproducts.com

Emergency phone number: CHEMTREC: 1-800-424-9300 / +1 703-527-3887

2. HAZARD(S) IDENTIFICATION

Classification:

Physical	Health
Flammable Liquid Category 3	Skin Irritation Category 2 Skin Sensitization Category 1B Carcinogen Category 2 Aspiration Toxicity Category 1

Label Elements



DANGER!

Hazard statement(s)

Flammable liquid and vapor.
May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause an allergic skin reaction.
May cause drowsiness or dizziness.

Response

IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
In case of fire: Use water fog, dry chemical, foam or carbon dioxide to extinguish

Prevention

Storage: Keep away from heat, sparks, open flames, hot surfaces – No smoking.
Keep container tightly closed.
Do not handle until all safety precautions have been read and understood.
Avoid breathing vapors or mists.
Wash thoroughly with soap and water after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves.

Storage

Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Disposal

Dispose of contents and container in accordance with local and national regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
1-CHLORO-4 (TRIFLUOROMETHYL) BENZENE	98-56-6	30-60%
Kerosene (petroleum hydrocarbon)	8008-20-6	10-30%
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	10-30%
Calcium Sulfonate	61789-86-4	1-10%
Corrosion Inhibitor	Mixture	1-10%

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: Remove to fresh air. Get medical attention if symptoms persist. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Skin contact: Wash with soap and large amounts of water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before re-use.

Eye contact: Holding eyelids open, flush eyes with running water for 5 minutes. Remove contact lenses if wearing and flush open eyes with running water for several minutes. Seek medical attention if irritation persists.

Ingestion: If swallowed, do NOT induce vomiting. Call Poison Center or physician immediately.

Most important symptoms/effects, acute and delayed: May cause mild eye irritation. Causes skin irritation. Inhalation may cause nervous system effects such as drowsiness, headache, dizziness and nausea. Repeated skin contact may cause an allergic skin reaction. Aspiration hazard – may enter the lungs during swallowing or vomiting to cause severe lung damage.

Indication of immediate medical attention and special treatment, if necessary: Immediate medical attention if required for ingestion.

Notes to physician: If swallowed, do NOT induce vomiting. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Water fog. Dry chemical. Foam. Carbon dioxide (CO₂). Cool containers with water spray. Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical: Flammable liquid and vapor. Keep away from ignition sources and open flames. Vapors may travel along surfaces to remote ignition sources and flash back.

Special protective equipment and precautions for fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container .

7. HANDLING AND STORAGE

Precautions for safe handling: Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities: Store in a cool, well-ventilated area out of direct sunlight. Store away from oxidizers, acids and bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

1-CHLORO-4 (TRIFLUOROMETHYL) BENZENE	None Established
Kerosene (petroleum hydrocarbon)	200 ppm TWA skin ACGIH TLV
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m ³ TWA OSHA PEL 5 mg/m ³ (inhalable) TWA ACGIH TLV
Calcium Sulfonate	None Established
Corrosion Inhibitor	None Established

Appropriate engineering controls: Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary if the exposure limits are exceeded during the use of this product.

Personal Protective Equipment:

Respiratory protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Skin protection: Impervious gloves should be used.

Eye protection: Wear safety glasses with side shields or goggles when using this product.

Other: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark amber liquid

Odor: Solvent

Odor threshold: Not determined	pH: Not applicable
Melting point/freezing point: Not determined	Boiling point/range: 176 - 273 °C / 350 - 522 °F
Flash point: 53°C / 127°F	Evaporation rate: Not determined
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: 0.9 %	UEL: 10.5 %
Vapor pressure: Not determined	Vapor density: >1 (air=1)
Specific Gravity: 1.0293	Solubility(ies): Insoluble in water
Partition coefficient: n-octanol/water: Not determined	Auto-ignition temperature: Not determined
Decomposition temperature: Not determined	Viscosity: Not determined
VOC content (%): 22.28%	

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive.

Chemical stability: This product is stable under normal storage conditions

Possibility of hazardous reactions: None known.

Conditions to avoid: All sources of ignition, welding arcs, and open flames.

Incompatible materials: Strong oxidizers, acids and bases.

Hazardous decomposition products: May produce chlorine and fluorine containing gases.

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:

Inhalation: Inhalation may cause nervous system effects such as drowsiness, headache, dizziness and nausea. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Ingestion: Ingestion may cause nausea, vomiting and diarrhea. Aspiration hazard – may enter the lungs during swallowing or vomiting to cause severe lung damage

Skin contact: Causes skin irritation. Repeated skin contact may cause an allergic skin reaction. May be harmful if absorbed through the skin.

Eye contact: May cause mild eye irritation.

Chronic effects: Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis.

Reproductive Toxicity: None of the components are reproductive toxins.

Germ Cell Mutagenicity: None of the components are germ cell mutagens.

Carcinogenicity: None of the components present at 0.1% or greater are listed as carcinogens by IARC, NTP or OSHA.

Numerical Measure of Toxicity:

Product Acute Toxicity Estimates: LD50 oral >5000 mg/kg; LD50 dermal >2000 mg/kg; LC50 inhalation >5000 ppm

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available. Components are toxic to aquatic organisms

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state, and local regulations. Do not puncture or incinerate containers. Do not place in trash compactors. Offer for recycling where available.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT (non-bulk)	None	Not regulated in non-bulk containers (49CFR 173.150)			No
DOT (bulk containers)	UN1993	Flammable liquid, n.o.s. (4-Chlorotrifluorotoluene, Kerosene)	3	III	No
TDG	None	Not regulated in small means of containment			
IMDG	UN1993	Flammable liquid, n.o.s. (4-Chlorotrifluorotoluene, Kerosene)	3	III	Marine Pollutant (4-Chlorotrifluorotoluene)
IATA	UN1993	Flammable liquid, n.o.s. (4-Chlorotrifluorotoluene, Kerosene)	3	III	No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable.
Transported in packaged form only.

Special precautions: None known

15. REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD
REACTION HAZARD PRESSURIZED GAS HAZARD

SARA Hazard Category (311/312): This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD
REACTION HAZARD PRESSURIZED GAS HAZARD

SARA 313: This product contains the following 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: No SARA Section 313 components exist in this product.

EPA TSCA Inventory: All the components are listed on the TSCA inventory. This product is subject to export notification for 4-Chlorotrifluorotoluene 98-56-6.

CA Proposition 65: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

HMIS Health Hazard 2* Flammability 2 Physical Hazard 0 Personal protection X

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Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.