Corrosion Technologies
2638 National Drive
Garland, TX 75041
(972) 271-7361 Fax: (972) 278-9721

BULK

Max Wax™ Safety Data Sheet

1. IDENTIFICATION

Product Name:	**Max Wax™**
Product Numbers:	78001, 78002, 78003, 78004, 78005, 78008, 78020
Product Type and Use:	Coating / Corrosion Inhibitor
Manufacturer:	Corrosion Technologies 2638 National Drive, Garland, TX 75041
Contact:	Telephone: 972-271-7361 Fax: 972-278-9721
Emergency Telephone:	CHEMTREC® USA (800) 424-9300 Outside US +1 (703) 527-3887

2. HAZARDS IDENTIFICATION

Hazard Classification

Health Hazard(s)

STOT-SE Category 3

Physical Hazard(s)

Flammable Liquids Category 4

Hazard(s) not otherwise classified

None

Labeling

Signal Word: **WARNING**

Pictograms: Exclamation Mark

Statements of Hazard

Hazard Statements

Combustible liquid

May cause dizziness or drowsiness

Precautionary Statements

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Keep away from flames and hot surfaces – No smoking. In case of fire: Use carbon dioxide, dry chemical or foam to extinguish. Use only outdoors or in a well-ventilated area. Avoid breathing mist and vapors. Dispose of contents and container in accordance with applicable regulations.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent by Wt.
Distillates (petroleum), hydrotreated light	64742-47-8	20-40*

* Exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

General Advice: Use with adequate ventilation. Avoid breathing mist or vapor. Prolonged or repeated inhalation may cause dizziness and drowsiness. Keep container closed.
Inhalation: Remove from exposure area. Remove to fresh air. Give artificial respiration if not breathing. Get medical attention.
Skin Contact: Wipe excess from skin; remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.
Eye Contact: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.
Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a physician or poison control center.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Suitable: Carbon Dioxide, Dry Chemical, and Foam
Unsuitable: Alcohol, Alcohol based solutions, any other media not listed above.
Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire and Explosion Hazards: Solvent vapors are heavier than air and may travel to distant, low lying sources of ignition and may ignite and explode.
Hazardous Combustion/ Decomposition Products: Oxides of carbon, nitrogen, sulfur and calcium.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Emergency Procedures: Use caution as spills may be slippery. Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition.
Methods and materials for containment and cleaning up: Do not flush into surface water or sanitary sewer system. Dike and contain spillage. Soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite). Use clean non-sparking tools to collect absorbed material and transfer to a properly labeled container for disposal according to applicable regulations.

7. HANDLING AND STORAGE

HANDLING
Precautions for Safe Handling: Use with adequate ventilation. Avoid breathing mist or vapors. Follow all SDS/label precautions even after container is empty due to residue.
STORAGE
Conditions to avoid: Store in a cool, dry, well-ventilated place in the original container. Keep container tightly closed when not in use. Avoid excess heating, high temperatures, sparks, hot surfaces, open flames and all other sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

	ACGIH		OSHA			
Component	**TLV ppm**	**TLV mg/m3**	**PEL ppm**	**PEL mg/m3**	**STEL ppm**	**STEL mg/m3**
Distillates (petroleum), hydrotreated light	100	Not Est.	500	Not Est.	Not Est.	Not Est.

Engineering Controls: Use outdoors or with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.
Personal Protection
Respiratory Protection: None required under normal use conditions. In case of insufficient ventilation and for exposures above occupational exposure limits wear a NIOSH approved air purifying respirator with organic vapor cartridge.
Hand / Skin Protection: None typically required. For sensitive skin; wear impermeable gloves such as neoprene or nitrile rubber gloves. Gauntlets and apron may be worn depending on the extent and duration of exposure.
Eye / Face Protection: None typically required. Where eye exposure is likely, safety glasses with side-shields should be considered. An eyewash station should be available to the area of use.
General Hygiene Measures: Avoid eye contact. Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque	**Autoignition Temperature:**	210°C (410°F)
Physical State:	Viscous liquid	**Volatile by volume (%):**	50-60
Odor:	Petroleum	**Vapor Density (Air=1) :**	>1
Color:	Lt. Brown	**Evaporation Rate (BuAc=1) :**	<0.01
Viscosity, cP @ 22°C (72°F):	1000-2000	**Vapor Pressure (mmHg @20°C/72°F):**	2
pH:	Not applicable	**Solubility in water:**	Insoluble
Boiling Point/ Range:	>352°F / 178°C	**Octanol/Water Partition:**	Not established
Melting Point:	Not established	**VOC Content (g/L) (%):**	200-400 (20-40)
Flash Point:	70°C / 158°F	**Specific Gravity @20°C (68°F):**	0.93
Method:	Tag Closed Cup	**Pour Point:**	Not established
Lower Explosive Limit, vol %:	0.5	**Non-volatile by volume (%):**	40-50
Upper Explosive Limit, vol %:	6.5		

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures.
Conditions to Avoid: Avoid high temperatures, sparks, open flame and all other sources of ignition.
Hazardous Polymerization: Will not occur.
Materials to Avoid: Bases, acids and oxidizing materials.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Product Information: Not established
Ingredient Information
Distillates (petroleum), hydrotreated light: Orl-rat LD50 >6500 mg/kg, Skn-rbt LD50 >3000 mg/kg, Ihl–rat LC50 >5000 mg/m^3 (Vapor) 4 hr
Acute Effects
Signs and Symptoms of Overexposure: Dizziness, Drowsiness
Inhalation: Vapor and mist may cause respiratory irritation with nasal discomfort and discharge, coughing and sneezing. Prolonged and repeated inhalation may cause nausea, dizziness and drowsiness.
Skin Contact: May dry or defat skin. Prolonged or repeated contact may cause irritation in sensitive individuals.
Eye Contact: May cause mild, short-lasting discomfort seen as stinging, tearing and redness.
Ingestion: May cause nausea, vomiting and diarrhea.
Primary Route(s) of Exposure: Inhalation
Primary Route(s) of Entry: Inhalation, Ingestion
Target Organs: Central Nervous System
Chronic Effects: Solvents may degrease skin
Carcinogenicity: None known
Medical Conditions Aggravated by Exposure: None known.

12. ECOLOGICAL INFORMATION

Product Data: Water hazard class 2 (Self-assessment): hazardous for water.
Ingredient Data
Distillates (petroleum), hydrotreated light: Toxicity to fish: Oncorhynchus mykiss (rainbow trout) LC50: 1,000 mg/L 96 hr., Toxicity to Daphnids and other aquatic invertebrates: Daphnia magna (water flea) LC50: 1,000 mg/L 48 hr.
Elimination Information: biodegradation under aerobic static laboratory conditions is below detectable limits (i.e. BOD less than 2.5% of theoretical) in 20 days.

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with applicable regulations.
Container: Empty remaining contents. Empty containers should be taken for local recycling, recovery or waste disposal. Empty containers may contain residues. Do not cut, weld or grind empty containers.

14. TRANSPORT INFORMATION

Road Transport
DOT Hazard Class: Non-Hazardous/ Non-Restricted

Sea Transport
IMDG/GGV See Class: Non-Hazardous/ Non-Restricted

Air Transport
ICAO/IATA Class: Non-Hazardous/ Non-Restricted

15. REGULATORY INFORMATION

U.S. Federal Regulations
Toxic Substances Control Act (TSCA): All components are included on the Inventory
Superfund Amendments and Reauthorization Act (SARA) Title III:

Immediate Hazard	Delayed Hazard	Fire Hazard	Pressure Hazard	Reactivity Hazard
No	No	No	No	No

16. OTHER INFORMATION

Prepared by: Corrosion Technologies, Technical Services Department
Publish Date: 9/23/2021 **Supersedes Date:** 4/18/2017
Revision Indicator: v2.1

National Fire Protection Association (704)
Health: 1 Flammability: 1 Reactivity: 0 Other:

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