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BULK

MaxWax™ Safety Data Sheet

1. IDENTIFICATION

Product Name: MaxWax™
Product Numbers: 78001, 78003, 78004, 78005, 78020
Product Type and Use: Coating / Corrosion Inhibitor
Manufacturer: U.S. Corrosion Technologies, LLC
2638 National Drive, Garland, TX 75041
Telephone: 972-271-7361 Fax: 972-278-9721
Contact: CHEMTREC® New Zealand (Auckland) +(64)-98010034
Emergency Telephone: NZ Poison emergency no: 0800 POISON (0800 764 766)
Distributor in New Zealand: Corrosion Control NZ
48 Riverside drive
Whangarei 0112
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New Zealand
Tel: +64 9-438-88-00
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2. HAZARDS IDENTIFICATION

Hazard Classification

Health Hazard(s)

Eye Irritation Category 2B
STOT-SE Category 3

Physical Hazard(s)

Flammable Liquids Category 3

Hazard(s) not otherwise classified

None

Labeling

Signal Word: WARNING
Pictograms: Flame, Exclamation Mark



Statements of Hazard

Hazard Statements

Flammable liquid and vapor
Causes eye irritation
May cause dizziness or drowsiness

Precautionary Statements

Store locked up in a well-ventilated place. Keep cool. Keep container tightly closed. Keep away from heat, sparks, open 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. Wear eye protection. Wash hands thoroughly after handling. Take off immediately all contaminated clothing. Dispose of contents and container in accordance with applicable regulations.
If on skin (or hair): Rinse skin with water or shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
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.
C9-C11 Isoalkanes	68551-16-6	20-30*
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	25-35*
Calcium Carbonate	471-34-1	1-5*

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

4. FIRST AID MEASURES

General Advice: Causes eye irritation. Avoid eye contact. 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. Soaked rags or spill absorbents (i.e. oil dry, polypropylene socks, etc.) can cause spontaneous combustion if stored near combustibles and not handled properly. Store soaked rags or spill absorbents in approved safety containers and dispose of properly. Soaked rags may be washed with soap and water and allowed to dry in well ventilated area.

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 and take precautionary measures against static discharges.

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: Avoid eye contact. 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

Component	ACGIH		OSHA		STEL ppm	STEL mg/m3
	TLV ppm	TLV mg/m3	PEL ppm	PEL mg/m3		
C9-C11 Isoalkanes	100	Not Est.	500	Not Est.	Not Est.	Not Est.
Solvent naphtha (petroleum), medium aliphatic	100	Not Est.	500	Not Est.	Not Est.	Not Est.
Calcium Carbonate	Not Est.	Not Est.	Not Est.	15 (total dust)	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: Safety glasses with side-shields. 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:	Not established
Physical State:	Viscous liquid	Volatile by volume (%):	50-60
Odor:	Petroleum	Vapor Density (Air=1) :	>1
Color:	Dark brown	Evaporation Rate (BuAc=1) :	<0.01
Viscosity, cP @ 22°C (72°F):	1000-2000	Vapor Pressure (mmHg @20°C/72°F):	5
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) (%):	500-600 (50-60)
Flash Point:	48°C / 118°F	Specific Gravity @20°C (68°F):	0.93
Method:	Tag Closed Cup	Pour Point:	Not established
Lower Explosive Limit, vol %:	0.6	Non-volatile by weight (%):	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

C9-C11 Isoalkanes: Orl-rat LD50 34,600 mg/kg, Skn-rbt LD50 15,400 mg/kg, Ihl-rat >992 ppm NOEL

Solvent naphtha (petroleum), medium aliphatic: Orl-rat LD50 >6500 mg/kg, Skn-rbt LD50 >3000 mg/kg Ihl-rat , LC50 >14 mg/l 4 hr

Calcium Carbonate: Orl-rat LD50 6450 mg/kg

Acute Effects

Signs and Symptoms of Overexposure: Eye Irritation, Coughing, Sneezing, 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: Prolonged or repeated contact may cause irritation in sensitive individuals.

Eye Contact: May cause stinging, tearing and redness.

Ingestion: May cause nausea, vomiting and diarrhea.
Primary Route(s) of Exposure: Eyes, Inhalation
Primary Route(s) of Entry: Inhalation, Ingestion
Target Organs: Eyes, Lungs, Central Nervous System
Chronic Effects: Solvents may decrease skin
Carcinogenicity: Not established
Medical Conditions Aggravated by Exposure: May aggravate existing respiratory conditions such as asthma.

12. ECOLOGICAL INFORMATION

Product Data: Water hazard class 2 (Self-assessment): hazardous for water.

Ingredient Data

C9-C11 Isoalkanes: 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: 3

UN-No.: UN 3295

Proper Shipping Name: Hydrocarbons, Liquid, N.O.S., (Isoalkanes (C9-11)), 3, III

Sea Transport

IMDG/GGV See Class: 3

UN-No.: UN3295

Packing Group: III

Proper Shipping Name: Hydrocarbons, Liquid, N.O.S. (Isoalkanes (C9-C11))

Air Transport

ICAO/IATA Class: 3

UN-No.: UN3295

Packing Group: III

Shipping Name: Hydrocarbons, Liquid, N.O.S. (Isoalkanes (C9-C11))

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
X	-	X	-	-

New Zealand

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.

HSNO classification: 6.4A, 6.9B, 3.1C

HSNO Group Standard: HSR002603 – Lubricants (Flammable) Group Standard 2017

Classified as a Dangerous Good according to NZS5433:2007 Transport of Dangerous Goods on Land.

NZIoC (New Zealand Inventory of Chemicals): All components are listed on the NZIoC inventory or are exempt.

16. OTHER INFORMATION

Prepared by: U.S. Corrosion Technologies, LLC Technical Services Department

Publish Date: March 5, 2019

Supersedes Date: March 23, 2016

Revision Indicator: v1.3

National Fire Protection Association (704)

Health: 2 Flammability: 2 Reactivity: 0 Other:

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