

PRODUCT: Water Maze 5600 Defoamer

Section 01: Chemical Product and Company Identification

Manufacturer	Walker Emulsions Inc. 4401 SE Johnson Creek Blvd Portland, OR, USA 97222 503-659-1708
Supplier	Karcher North America P.O. Box 173677 Denver, CO 80217-3677
Prepared By	Walker Emulsions Inc. - Department of Research and Development Contact: Steven M. Brown 503-659-1708
Preparation Date	April 07, 2014
Revision Date	May 23, 2018
Product Number	105486 (prior to 11/1/15: PT5600.59)
CAS Number	Mixture
EPA Registration	NA
Chemical Family	
Material Use	Defoamer
24 Hour Emergency Number	Infotrac (800) 535-5053

Section 02: Hazards Identification



Signal Word:	WARNING
Hazards:	H302 Harmful if swallowed. Acute toxicity, Category 4 H315 Causes skin irritation. Skin corrosion/irritation, Category 2 H320 Causes eye irritation. Serious eye damage/eye irritation, Category 2B H335 + H336 May cause respiratory irritation, drowsiness or dizziness. Specific target organ toxicity-single exposure, Category 3
Prevention:	P102: Keep out of reach of children. P202: Do not handle until all safety precautions have been read and understood. P261: Avoid breathing dust/fume/gas/mist/vapors/spray. P262: Do not get in eyes, on skin, or on clothing.
Response:	P301 + P315 + P330 + P331: IF SWALLOWED: Get immediate medical advice/attention. Rinse mouth, do not induce vomiting. P303 + P352: IF ON SKIN (OR HAIR): Wash with plenty of soap and water. 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. P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. P342 + P314: If experiencing respiratory symptoms, get medical advice/attention.
Disposal:	P501: Dispose of contents/container in accordance with local regulations.
Effects of Acute Exposure	

PRODUCT: Water Maze 5600 Defoamer

Section 02: Hazards Identification

Eye Contact	Causes slight irritation.
Ingestion	Ingestion may cause nausea, vomiting, diarrhea.
Inhalation	Inhalation of vapors or mists could cause pulmonary irritation, dizziness, and nausea.
Skin Contact	Causes slight irritation.
Effects of Chronic Exposure	Chronic or long term exposure data for this product is not available. However, this product contains mineral oils that are regulated under OSHA as oil mist hazards, if generated, at 5 mg/m ³ by ACGIH Time Weighted Average (TWA). Prolonged or repeated exposures to oil mists can cause irritation to respiratory system.

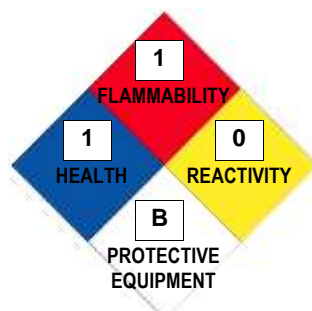
Section 03: Composition and Information on Ingredients

Hazardous Ingredients

Ingred / %	Exposure Levels	C.A.S. #	TSCA	Hazard Rating	LD/LC, Route, Species
MINERAL OIL					LD/50: See Section 11
40 - 70		64742-53-6		Health:1, Fire:1, React:0, PP:E	LC/50:
MINERAL OIL					LD/50: See Section 11
3 - 7		64742-54-7		Health:1, Fire:1, React:0, PP:B	LC/50:

HMIS Rating (0-4)

HEALTH: 1, FIRE: 1, REACTIVITY: 0, PPI: E



Section 04: First Aid Measures

Skin Contact	Flush skin with plenty of soap and water.
Inhalation	Remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician promptly.
Ingestion	DO NOT INDUCE VOMITING. Call a physician immediately. Give large quantities of water. Never give anything by mouth to an unconscious or convulsing person.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation continues, contact a physician promptly.

Section 05: Fire and Explosion Data

Flash Range	> 300°F (148°C)
Flammability	IIIB
Special Procedures	Use self-contained breathing apparatus with full facepiece.
Explosion Hazards	Never use welding or cutting torch on or near drum or container, even empty, because product or residues can potentially ignite explosively.
Explosive Range:	Not Available
Extinguishing Media	Treat as an oil fire. Use dry chemical, chemical foam, or carbon dioxide.

PRODUCT: Water Maze 5600 Defoamer

Section 06: Accidental Release Measures

Leak/Spill

SMALL SPILL: Use caution; spilled material may be slippery. Prevent spill from entering sanitary or storm water sewer systems. Use an inert material to absorb spilled product.

LARGE SPILLS: Large spills, i.e., greater than 40 gallons. Use caution. Spilled material is extremely slippery. Contain spilled material immediately and prevent spill from entering the sanitary or storm water sewer system. Use inert material to absorb spilled product.

NOTE: This product is classified as an oil under Section 311 of the EPA Clean Water Act. Spills into or leading to surface waters that cause a sheen must be reported to the National Response Center. Phone 800-424-8802.

Section 07: Handling and Storage

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet should be observed

Section 08: Exposure Control and Personal Protection

Protective Equipment

Eye/Type Wear approved splashproof chemical goggles when handling.

Respiratory/Type None normally required.

Gloves/Type None normally required.

Ventilation Requirements Special ventilation procedures not normally required.

Occupational Exposure Limits MINERAL OIL (64742-53-6) MINERAL OIL (64742-54-7)

ACGIH TLV 5.00mg/m³ 5.00mg/m³

ACGIH TLV-C N/est N/est

ACGIH STEL 10.00mg/m³ N/est

OSHA STEL N/est N/est

OSHA PEL 5.00mg/m³ 5.00mg/m³

Section 09: Physical and Chemical Properties

Physical State Liquid

Appearance Off White

Viscosity (cPs, water=1) Not Available

Volatility (wt%) Not Available

Volatility (vol%) Not available

Specific Gravity .922

pH Not applicable

Solubility in Water Not soluble

Odor Mild oil

Odor threshold (ppm) Not Available

Vapor Pressure (mm Hg) Not available

Vapor Density (air=1) Non volatile

PRODUCT: Water Maze 5600 Defoamer

Section 09: Physical and Chemical Properties

Evaporation Rate (n-butyl acetate=1)	Unavailable
Coefficient of water/oil distribution	Not Available
Boiling Range	(WATER) 300°F (148.89°C)
Partition Coefficient	Not Available
Freezing Point	Not Available
Melting Point	Not Available
VOC	1.5% - 1.4%
Flash Point (TCC)	Not Available
Molecular Weight	Mixture
Explosive limits	Not Available
Flammability (solid, gas)	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available

Section 10: Stability and Reactivity Data

Hazardous Polymerization	Will not occur.
Chemical Stability	This product is stable.
Incompatibility	May react with strong oxidizing agents such as chlorates, nitrates, peroxides etc.
Conditions to Avoid	Acids, strong oxidizing agents.
Reactivity Conditions	Not Available
Hazardous Products of Decomposition (thermal)	Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

Section 11: Toxicological Information

Routes of Entry

- Inhalation
- Ingestion

Exposure Limits

LD/50	MINERAL OIL #1 5000 mg/kg, Oral, Rat, adult 2000 mg/kg, Skin, Rabbit, adult
	MINERAL OIL #2 5000 PPM, Oral, Rat, adult 5000 mg/kg, Skin, Rabbit, adult 5000 PPM, Skin, Rat, adult

LC/50 Not Applicable

TWA Not Applicable

Carcinogenicity This product does not contain any substance(s) listed as a carcinogen by NTP, IARC, or OSHA.

Teratogenicity/Mutagenicity None Known

Reproductive Effects None Known

PRODUCT: Water Maze 5600 Defoamer

Section 11: Toxicological Information

Synergistic Materials	None Known
Additional Toxicological Data	This product is not regulated as a hazardous substance.

Section 12: Ecological Information

Environmental	Not Available
Ectotoxicological Information	Not Available
Biodegradability	Not Available

Section 13: Disposal Considerations

EPA Hazardous Waste Number	None
Waste Disposal	Product must be disposed of properly under Federal/State regulations for industrial waste. Small amounts of properly stabilized waste of this product may be sent to an industrial landfill pending proper notification.

Section 14: Transport Information

U.N. #	NONE
T.D.G. Classification	NA
D.O.T. Classification	Not hazardous.
WHMIS Classification	D2B

Section 15: Regulatory Information

EEC Classification	Irritant
U.S. Federal Regulations	THIS PRODUCT COMPLIES WITH 21 CFR PART 176, SUBPART B, LISTED BELOW: 176.170 Components of paper and paperboard in contact with aqueous and fatty foods. 176.180 Components of paper and paperboard in contact with dry food. 176.200 Defoaming agents used in coatings. 176.210 Defoaming agents used in the manufacture of paper and paperboard.
US TSCA	ALL Ingredients in this product are listed in the T.S.C.A. Inventory

Section 16: Other Information

Do not mix or dilute with other materials unless advised by supplier.

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information provided.