

ISSUE DATE: November 1, 2025

REVISION DATE:

VERSION:

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME WASH & WAX

OTHER MEANS OF IDENTIFICATION

Aqueous detergent

Product Type Liquid

Recommended Uses Wash and wax vehicles and equipment

Restrictions on Use None Known

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS Emulso
2750 Kenmore Avenue
Tonawanda, NY 14150

EMERGENCY TELEPHONE NUMBER

COMPANY PHONE NUMBER (716) 854-2889

COMPANY FAX NUMBER (716) 854-2809

24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)

NORTH AMERICA 1-800-633-8253

INTERNATIONAL PERS 1-801-629-0667

2. HAZARDS IDENTIFICATION

OSHA/HCS Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

CLASSIFICATION

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 1

SIGNAL WORD Danger

HAZARD STATEMENTS



HAZARD STATEMENTS 1. Causes serious eye damage
2. Causes skin irritation

PRECAUTIONARY STATEMENTS

PREVENTION Wear eye or face protection.
Wear protective gloves.
Wash hands thoroughly after handling.



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RESPONSE	Immediately call poison center or doctor/ physician.
IF IN EYES	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
IF ON SKIN/HAIR	Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.
STORAGE	Not applicable.
DISPOSAL	Not applicable.
HAZARDS NOT OTHERWISE CLASSIFIED	None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE Mixture

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Proprietary ingredient 1	-	Proprietary
Proprietary ingredient 2	-	Proprietary
Proprietary ingredient 3	-	Proprietary
Proprietary ingredient 4	-	Proprietary

The chemical identity and exact percentage of the composition has been withheld as it is a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE	Provide this SDS to medical personnel for treatment.
EYE CONTACT	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.
SKIN CONTACT	Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
INHALATION	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.



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INGESTION

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

POTENTIAL ACUTE HEALTH EFFECTS

Most important symptoms and effects, both acute and delayed

- EYE CONTACT** Causes serious eye damage.
- INHALATION** Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- SKIN CONTACT** Causes skin irritation.
- INGESTION** May be irritating to mouth, throat and stomach.

OVER EXPOSURE SIGNS/SYMPOTOMS

- EYE CONTACT** Adverse symptoms may include the following:
Pain or irritation
Watering
Redness
- INHALATION** No known significant effects or critical hazards.
- SKIN CONTACT** Adverse symptoms may include the following:
Irritation
Redness
- INGESTION** No known significant effects or critical hazards.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED. IF NECESSARY

- NOTES TO PHYSICIAN** In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- SPECIFIC TREATMENTS** No specific treatment.
- PROTECTION TO FIRST AIDERS** No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

5. FIRE-FIGHTING MEASURES

- SUITABLE EXTINGUISHING MEDIA** Use an extinguishing agent suitable for the surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA None known.

SPECIFIC HAZARDS ARISING FROM CHEMICAL No specific fire or explosion hazard.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS Decomposition products may include the following materials:
Carbon dioxide
Carbon monoxide
Nitrogen oxides
Hydrogen chloride

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS No special measures are required.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

FOR NON-EMERGENCY PERSONAL No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

FOR EMERGENCY RESPONDERS If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

ENVIRONMENTAL PRECAUTIONS Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

SPILL Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

STORAGE CONDITIONS, INCLUDING ANY INCOMPATIBILITIES

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

Proprietary ingredient 3	Ceiling Limit Value: ACGIH	25 ppm	-
	Ceiling Limit Value and Time Period (if specified): NIOSH	25 ppm	125 mg/m ³
	Ceiling Limit Value: OSHA Z1A	25 ppm	125 mg/m ³
	Time Weighted Average (TWA): ACGIH	-	10 mg/m ³
	PEL: OSHA Z1	-	5 mg/m ³
	PEL: OSHA Z1	-	15 mg/m ³
Non-hazardous proprietary ingredient	Time Weighted Average (TWA): OSHA Z1A	-	5 mg/m ³
	Time Weighted Average (TWA): OSHA Z1A	-	10 mg/m ³
	Time Weighted Average (TWA): Permissible Exposure Limit (PEL): US CA OEL	-	5 mg/m ³
	Time Weighted Average (TWA): Permissible Exposure Limit (PEL): US CA OEL	-	10 mg/m ³

ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

INDIVIDUAL PROTECTION MEASURES

HYGIENE MEASURES

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

EYE/FACE PROTECTION

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

HAND PROTECTION

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

BODY PROTECTION

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

OTHER SKIN PROTECTION

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

RESPIRATORY PROTECTION

Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
COLOR	Blue
ODOR	Mild odor
ODOR THRESHOLD	Not available
pH	4 to 6
MELTING POINT/FREEZING POINT	Not available
BOILING POINT/BOILING RANGE	>100°C (>212°F)
FLASH POINT	>93.3°C (>200°F)
EVAPORATION RATE	>1 (Butyl acetate = 1)
FLAMMABILITY (SOLID, GAS)	Not available

UPPER AND LOWER EXPLOSIVE (FLAMMABILITY) LIMITS	Not available
VAPOR PRESSURE	Not available
VAPOR DENSITY	>1 [Air = 1]
RELATIVE DENSITY	1.01 – 1.05
SOLUBILITY	Easily soluble in the following materials: water
PARTITION COEFFICIENT: N-OCTANOL/ WATER	Not available
AUTO-IGNITION TEMPERATURE	Not available
DECOMPOSITION TEMPERATURE	Not available
VISCOSITY	180 min. (20% in DI water, LV2@12rpm)

10. STABILITY AND REACTIVITY

REACTIVITY	No specific test data related to reactivity available for this product or its ingredients.
CHEMICAL STABILITY	The product is stable.
POSSIBILITY OF HAZARDOUS REACTIONS	Under normal conditions of storage and use, hazardous reactions will not occur.
CONDITIONS TO AVOID	No specific data.
INCOMPATIBLE MATERIALS	Reactive or incompatible with the following materials: oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY	There is no data available.
IRRITATION/CORROSION	There is no data available.
SENSITIZATION	There is no data available.
CARCINOGENICITY	No components are listed as carcinogens by IARC, ACGIH, OSHA or NTP above the threshold of 0.1%
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)	There is no data available.
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)	There is no data available..
ASPIRATION HAZARD	There is no data available.

Information on likely routes of exposure.

Dermal contact
Eye contact
Inhalation
Ingestion

POTENTIAL ACUTE HEALTH EFFECTS

EYE CONTACT	Causes serious eye damage.
INHALATION	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
SKIN CONTACT	Causes skin irritation.
INGESTION	May be irritating to mouth, throat and stomach.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

	Adverse symptoms may include the following:
EYE CONTACT	Pain or irritation Watering Redness
INHALATION	No known significant effects or critical hazards.
SKIN CONTACT	Adverse symptoms may include the following: Redness
INGESTION	No known significant effects or critical hazards.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE

SHORT TERM EXPOSURE

POTENTIAL IMMEDIATE EFFECTS	No known significant effects or critical hazards.
POTENTIAL DELAYED EFFECTS	No known significant effects or critical hazards.

LONG TERM EXPOSURE

POTENTIAL IMMEDIATE EFFECTS	No known significant effects or critical hazards.
POTENTIAL DELAYED EFFECTS	No known significant effects or critical hazards.

POTENTIAL CHRONIC HEALTH EFFECTS

GENERAL	No known significant effects or critical hazards.
CARCINOGENICITY	No known significant effects or critical hazards.
MUTAGENICITY	No known significant effects or critical hazards.
TERATOGENICITY	No known significant effects or critical hazards.
DEVELOPMENTAL EFFECTS	No known significant effects or critical hazards.
FERTILITY EFFECTS	No known significant effects or critical hazards.

NUMERICAL MEASURES OF TOXICITY

ACUTE TOXICITY ESTIMATES	There is no data available.
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12. ECOLOGICAL INFORMATION

TOXICITY	There is no data available.
PERSISTENCE AND DEGRADABILITY	There is no data available.
BIOACCUMULATION POTENTIAL	There is no data available.

MOBILITY IN SOIL

SOIL/WATER PARTITION COEFFICIENT: (K_{oc})	Not available.
OTHER ADVERSE EFFECTS	No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should
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comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

	TDG/DOT CLASSIFICATION	IMDG	IATA
UN NUMBER	Not regulated	Not regulated	Not regulated
UN PROPER SHIPPING NAME	-	-	-
TRANSPORT HAZARD CLASS(ES)	-	-	-
PACKAGING GROUP	-	-	-
ENVIRONMENTAL HAZARDS	No	No	No
ADDITIONAL INFO.	-	-	-

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL Not available.

SPECIAL PRECAUTIONS FOR USER Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

COMPOSITION/INFORMATION ON INGREDIENTS

NAME	%	FIRE HAZARD	SUDDEN RELEASE OF PRESSURE	REACTIVE	IMMEDIATE (ACUTE) HEALTH HAZARD	DELAYED (CHRONIC) HEALTH HAZARD
Proprietary ingredient 1	Proprietary	No	No	No	Yes	No
Proprietary ingredient 2	Proprietary	No	No	No	Yes	No
Proprietary ingredient 3	Proprietary	No	No	No	Yes	No
Proprietary ingredient 4	Proprietary	No	No	No	Yes	No

AUSTRALIA (AICS) One or more components are not listed.
CANADA (DSL) All components are listed or exempted.
CHINA (IECSC) All components are listed or exempted.
EUROPE (EINECS) One or more components are not listed.
JAPAN (ENCS) All components are listed or exempted.



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NEW ZELAND (NZIoC) One or more components are not listed.
PHILLIPPINES (PICCS) One or more components are not listed.
REPUBLIC OF KOREA (KECL) All components are listed or exempted.
TAIWAN (NECI) One or more components are not listed.

U.S. FEDERAL REGULATIONS

UNITED STATES INVENTORY (TSCA)

All components are listed or exempt.

CLEAN AIR ACT SECTION 112: (b) HAZARDOUS AIR POLLUTANTS (HAPS)

Not listed.

CLEAN AIR ACT SECTION 602: CLASS I SUBSTANCES

Not listed.

CLEAN AIR ACT SECTION 602: CLASS II SUBSTANCES

Not listed.

DEA LIST I CHEMICALS: (PRECURSOR CHEMICALS)

Not listed.

DEA LIST II CHEMICALS: (ESSENTIAL CHEMICALS)

Not listed.

SARA 302/304 COMPOSITION/INFORMATION ON INGREDIENTS

Not listed.

SARA 313/312 CLASSIFICATION

Immediate (acute) health hazard.

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	Not determined	Not determined	Not determined	Not determined
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	Not determined	Not determined	Not determined	Not determined

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET