

# Material Safety Data Sheet(MSDS)

## 1. PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifiers

Product name : Leather Coating/Conditioner/Protectant  
Product Family : Aqueous mixture

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses : Automotive interior detailing

### 1.3 Details of the supplier of the safety data sheet

Company : TONYIN INDUSTRIAL CO., LTD  
Address : 571, QICHANGCHENG ROAD, HUANGDAO DISTRICT, QINGDAO CITY, PRC  
Telephone : +86-532-86945891  
Fax : +86-532-86945891

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

May causes skin irritation.

May causes serious eye irritation.

#### Precautionary Statements

Wash skin thoroughly after handling.

Avoid release to the environment.

Wear eye protection.

IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.

IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/ physician if you feel unwell.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation occurs: Get medical advice/ attention.

If eye irritation persists: Get medical advice/ attention.

**2.2 GHS Label elements, including precautionary statements****SIGNAL WORD: WARNING**

Pictogram

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS number	Warnings	Concentration
WATER	7732-18-5		70-90%
Propane-1,2-diol	57-55-6		1-5%
Mineral Oil	8042-47-5		10-15%
Dimethyl siloxane with aminoethylaminopropyl silsesquioxane, hydroxy-term	68554-54-1		1-5%

**4. FIRST AID MEASURES****First aid procedures****After inhalation:**

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious. If victim is conscious, rinse mouth with water and contact emergency number listed in section 1.4.

**After contact with skin:**

Immediately wash skin with soap and water. May cause irritation. Seek medical attention if irritation or allergic reaction is present.

**After contact with eyes:**

Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs. Avoid agitation. Abrasives present in substance may scratch eyes. Remove contact lenses if able.

**After ingestion:**

Rinse mouth with water, contact poison control center or emergency number listed in section 1.4. Never give anything by mouth to an unconscious person.

**Advice to doctor / Treatment:**

None known.

**5. FIRE FIGHTING MEASURES****Flashpoint:** Unknown, aqueous mixture.**Lower explosion limit:** Not applicable**Upper explosion limit:** Not applicable**Self ignition:** Not applicable**Ignition temperature:** not tested.**Hazardous combustion products:** carbon oxides, sodium oxides, sulfur oxides**Extinguishing media:** water spray jet, alcohol-resistant foam, carbon dioxide, dry powder.**Special fire fighting procedure:** Apply alcohol-type or all purpose-type foams by manufacturers' recommended techniques for large fires or water spray. Use carbon dioxide or dry chemical media for small fires. Use self-contained breathing apparatus and protective equipment. Cool endangered containers with water jet.**Unusual fire and explosion hazards:** Product can potentially float on water.**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions** Use the Personal protective Equipment recommended in Section 8 of this SDS**Environmental Precautions** Spilled product may present a slipping hazard or result in unintended fumes. Please absorb excess, rinse area and ensure adequate ventilation.**Methods for Containments and Clean-up** Contain large spills as best as possible. Dam flow with appropriate materials and absorb centralized spillage with inert material such as vermiculite, cat litter or diamaceous earth. Sweep and dispose of as needed. For small spills, wipe away and wash exposed area.**7. HANDLING AND STORAGE****Handling** Wear gloves while in use, protect hands, face and skin from prolonged and repeated exposure. May cause skin cracking, drying and irritation.**Storage** Store with caution. Do not store in temperatures above 120F. Bottle/container may swell and or damage product.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guideline Comments** Exposure Limits:**Propane-1,2-diol** 57-55-6 TWA 10.000000 mg/m3 USA. Workplace Environmental Exposure Levels (WEEL)**Engineering Controls** Adequate ventilation necessary.**Personal Protective Equipment (PPE)****Eye/Face Protection** Wear goggles if deemed necessary. Concentrated and diluted solution may irritate eyes.**Skin Protection** Wear gloves while in use.**Respiratory Protection** Niosh approved respirator for airborne particles if adequate ventilation not present.**General Hygiene Considerations** Treat products as sum of its components. Wash hands before and after use and before smoking eating or drinking.**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State** Thick emulsion**Appearance** White**Particle Size** Not Applicable**Odor** Pleasant**Odor Threshold** No Available Data**Molecular Formula** Mixture**Molecular Weight** Mixture

<b>Boiling Point</b>	200f
<b>Decomposition Temperature</b>	No Available Data
<b>Melting point</b>	32F
<b>Freezing Point</b>	32F
<b>Relative Density</b>	1g/cm3
<b>Bulk Density</b>	No Available Data
<b>Solubility in Water</b>	100%
<b>Solubility in other liquids</b>	No Available Data
<b>pH</b>	6-8
<b>Flash point</b>	No Available Data

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Avoid extreme temperatures.
<b>Hazardous Decomposition</b>	
<b>Products</b>	carbon oxides, sodium oxides, sulfur oxides, silicon oxides
<b>Possibility of Hazardous Reactions</b>	Do not bring into contact with oxidizers.

## 11. TOXICOLOGICAL INFORMATION

<b>Propane-1,2-diol</b>	Acute toxicity LD50 Oral - Rat - 20,000 mg/kg Sigma-Aldrich - P4347 Page 5 of 7 Inhalation: No data available LD50 Dermal - Rabbit - 20,800 mg/kg LD50 Intramuscular - Rat - 14 g/kg LD50 Intravenous - Dog - 26 g/kg LD50 Intraperitoneal - Rat - 6,660 mg/kg LD50 Subcutaneous - Rat - 22,500 mg/kg LD50 Intravenous - Rat - 6,423 mg/kg
<b>Mineral Oil</b>	LD50 Oral - Rat - male and female - > 5,000 mg/kg (OECD Test Guideline 401) LC50 Inhalation - Rat - male and female - 4 h - > 5 mg/l (OECD Test Guideline 403) LD50 Dermal - Rabbit - male and female - > 2,000 mg/kg (OECD Test Guideline 402)

### Skin Irritation/Corrosion

May be irritating to skin.

### Eye Irritation/Corrosion

May cause eye irritation/damage.

### Effects of Short-Term (Acute) Exposure

No data available.

### Inhalation

No data available.

### Ingestion

No data available.

## 12. ECOLOGICAL TOXICITY

### General Comments

ALL SURFACTANTS CONTAINED WITHIN THIS FORMULA ARE CLASSIFIED AS READILY BIODEGRADABLE.

<b>Propane-1,2-diol</b>	Toxicity to fish mortality NOEC - Pimephales promelas (fathead minnow) - 52,930 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates mortality NOEC - Daphnia (water flea) - 13,020 mg/l - 48 h EC50 - Daphnia magna (Water flea) - > 10,000 mg/l - 48 h
<b>Mineral Oil</b>	Toxicity to fish static test LC50 - Oncorhynchus mykiss (rainbow trout) - > 100 mg/l - 96 h (OECD Test Guideline 203) Toxicity to daphnia and other aquatic

invertebrates static test LC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h (OECD Test Guideline 202)

**Polydimethylsiloxane**

Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - > 0.0194 mg/l - 96 h (OECD Test Guideline 203) Remarks: No toxicity at the limit of solubility

**13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government guidelines.

**14. TRANSPORT INFORMATION****Shipping Information**

Product is not UN rated. Product is not flammable or known to have any restrictions in transport. Ensure, before use, that product is not restricted by any local, state or federal environmental restrictions not otherwise stated.

**Special Shipping**

**Information** Not applicable.

NFPA/HMIS

1 HEALTH

0 FLAMMABILITY

0 REACTIVITY

**15. REGULATORY INFORMATION****United States**

SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components The following components are subject to reporting levels established by SARA Title III, Section 313:

Massachusetts Right To Know Components  $\alpha$ -Methyl- $\omega$ -methoxypolydimethylsiloxane CAS-No. 63148-62-9

Pennsylvania Right To Know Components  $\alpha$ -Methyl- $\omega$ -methoxypolydimethylsiloxane CAS-No. 63148-62-9 Mineral oil CAS-No. 8042-47-5

New Jersey Right To Know Components  $\alpha$ -Methyl- $\omega$ -methoxypolydimethylsiloxane CAS-No. 63148-62-9 Mineral oil CAS-No. 8042-47-5

**16. OTHER INFORMATION**

**MSDS Prepared by** TONYIN INDUSTRIAL CO.,LTD

**Disclaimer**

This health and safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, to maintain revised copies of this information to be requested. When applicable, revised copies shall be sent to customers whom have been directly supplied with this substance. It must be known that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the user. The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this sheet.

