

Sump Shine[®]

Version 0.1

Revision Date 06/02/2015

Print Date 06/02/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sump Shine[®]

Substance number : REL_11387

Chemical usage : Cleaning Compound

Manufacturer or supplier's details

Company : Chemetall US, Inc.

Address : 675 Central Avenue
New Providence NJ 07974

Telephone : (800) 526-4473

Telefax : (908) 464-4658

Emergency telephone no : CHEMTREC - 800-424-9300, 1-703-527-3887 (International)

SECTION 2. HAZARDS IDENTIFICATION
Emergency Overview


Appearance	liquid
Colour	yellow
Odour	amine-like
Hazard Summary	Harmful if swallowed. Harmful by inhalation. Irritating to eyes. Irritating to skin.

GHS Classification

Skin irritation : Category 2

Eye irritation : Category 2A

GHS Label element

Hazard pictograms : 

Signal word : Warning

Hazard statements : Causes skin irritation.
Causes serious eye irritation.

Precautionary statements : **Prevention:**

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Wash skin thoroughly after handling.
 Wear eye protection/ face protection.
 Wear protective gloves.

Response:

IF ON SKIN: Wash with plenty of soap and water.
 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.
 Take off contaminated clothing and wash before reuse.

Potential Health Effects

Inhalation : yes
 Skin : yes
 Ingestion : yes
 Aggravated Medical Condition : None known.

Carcinogenicity:**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture :

Hazardous components

Component	CAS-No.	Weight percent
Dipropylene glycol methyl ether	34590-94-8	10 - 20
Trade Secret Registry	735517-5126P	5 - 10
Triethanolamine	102-71-6	1 - 5
Trade Secret Registry	735517-5158P	1 - 5
Monoethanolamine	141-43-5	1 - 5
Trade Secret Registry	735517-5031P	0.1 - 1

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Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29CFR 1910.1200).

Specific chemical identity of composition has been withheld as a trade secret.

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

SECTION 4. FIRST AID MEASURES

- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- In case of skin contact : Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
- In case of eye contact : Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Seek medical advice.
- If swallowed : Rinse mouth.
Drink plenty of water.
Obtain medical attention.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Dry chemical
Carbon dioxide (CO₂)
Foam
Water spray
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
Material can create slippery conditions.
- Methods and materials for containment and cleaning up : Ventilate area.
Clean up with inert absorbant material.
Keep in suitable, closed containers for disposal.
Flush with plenty of water.
- Additional advice : Never return spills in original containers for re-use.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Use only with adequate ventilation.

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Conditions for safe storage : Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Store indoors in a cool, well-ventilated place

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Dipropylene glycol methyl ether	34590-94-8	TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH
		ST	150 ppm 900.000000 mg/m3	NIOSH REL
		TWA	100 ppm 600.000000 mg/m3	NIOSH REL
		TWA	100 ppm 600.000000 mg/m3	OSHA Z-1
		TWA	100 ppm 600.000000 mg/m3	OSHA P0
		STEL	150 ppm 900.000000 mg/m3	OSHA P0
Triethanolamine	102-71-6	TWA	5.000000 mg/m3	ACGIH
Monoethanolamine	141-43-5	TWA	3 ppm	ACGIH
		STEL	6 ppm	ACGIH
		TWA	3 ppm 8.000000 mg/m3	NIOSH REL
		ST	6 ppm 15.000000 mg/m3	NIOSH REL
		TWA	3 ppm 6.000000 mg/m3	OSHA Z-1
		STEL	6 ppm 15.000000 mg/m3	OSHA P0
		TWA	3 ppm 8.000000 mg/m3	OSHA P0

Personal protective equipment

Respiratory protection : If the occupational exposure limits cannot be met, suitable respirator equipment shall be worn.

Hand protection
Remarks : Impervious gloves

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Eye protection	: Chemical resistant goggles must be worn.
Skin and body protection	: Rubber or plastic apron
Hygiene measures	: Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Wear suitable protective clothing. Wash hands before breaks and immediately after handling the product. Provide adequate ventilation. Do not inhale fumes. Keep away from food and drink.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: yellow
Odour	: amine-like
pH	: 10 - 11
Freezing point	: -10.6 °C
Boiling point/boiling range	: no data available
Flash point	: > 93.4 °C
Evaporation rate	: (Water =1) Less than 1
Upper explosion limit	: Not applicable.
Lower explosion limit	: Not applicable.
Vapour pressure	: no data available
Relative density	: 1.065
Bulk density	: 8.89 lb/gal
Solubility(ies)	
Water solubility	: completely soluble
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: Direct sources of heat. freezing
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Incompatible materials : Strong acids

Hazardous decomposition products : Nitrogen Oxides
Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION
Acute toxicity**Product:**

Acute oral toxicity : Acute toxicity estimate : > 5,000.000000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate : > 40.000000 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 5,000.000000 mg/kg
Method: Calculation method

Components:**Dipropylene glycol methyl ether:**

Acute oral toxicity : LD50 rat: 5,230.000000 mg/kg

Acute dermal toxicity : LD50 rabbit: 9,500.000000 mg/kg

Trade Secret Registry:

Acute oral toxicity : LD50 rat: 1,500.000000 mg/kg

LD50 rat: 1,000.000000 mg/kg

Triethanolamine:

Acute oral toxicity : LD50 mouse: 5,846.000000 mg/kg

LD50 rabbit: 2,200.000000 mg/kg

LD50 rat: 4,920.000000 mg/kg

Acute inhalation toxicity : Target Organs: Respiratory Tract, Liver, Blood, Urinary system, Cardio-vascular system

Acute dermal toxicity : LD50 rat: > 16,000.000000 mg/kg

LD50 rabbit: > 20,000.000000 mg/kg

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Trade Secret Registry:

Acute oral toxicity : LD50 mouse: 2,150.000000 mg/kg

LD50 rat: 2,900.000000 mg/kg

Monoethanolamine:

Acute oral toxicity : LD50 rat: 1,720.000000 mg/kg

Acute inhalation toxicity : LC50 rat: 1.210000 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50 rabbit: 1,000.000000 mg/kg

Trade Secret Registry:

Acute oral toxicity : LD50 rat: 675.000000 - 1,830.000000

LD50 rat: 720.000000 mg/kg

Acute inhalation toxicity : LC50 rat: 1.730000 mg/l
Exposure time: 1 h

Acute dermal toxicity : LD50 rabbit: > 2,000.000000 mg/kg

Skin corrosion/irritation**Components:****Trade Secret Registry:**

Result: Mild skin irritation

Serious eye damage/eye irritation**Components:****Trade Secret Registry:**

Result: Eye irritation

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

STOT - single exposure

no data available

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STOT - repeated exposure

no data available

Aspiration toxicity

no data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

no data available

Bioaccumulative potential**Product:**Partition coefficient: n-
octanol/water : Remarks: no data available**Other adverse effects**

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

SECTION 14. TRANSPORT INFORMATION**International regulation****Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

National Regulations

SECTION 15. REGULATORY INFORMATION**TSCA Status** : All components of this material comply with US TSCA requirements.**OSHA Hazards** : Harmful by ingestion., Toxic by skin absorption, Mild skin irritant, Moderate eye irritant**WHMIS Classification** : D2B: Toxic Material Causing Other Toxic Effects**EPCRA - Emergency Planning and Community Right-to-Know Act****SARA 311/312 Hazards** : Acute Health Hazard

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- SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations
Massachusetts Right To Know

Dipropylene glycol methyl ether	34590-94-8
Triethanolamine	102-71-6
Trade Secret Registry	735517-5158P
Monoethanolamine	141-43-5

Pennsylvania Right To Know

water	7732-18-5
Dipropylene glycol methyl ether	34590-94-8
Trade Secret Registry	735517-5126P
EDTA, sodium salt	64-02-8
D-gluconic acid, compound with 2,2',2''-nitrilotrisethanol (1:1)	42728-79-0
Triethanolamine	102-71-6
Trade Secret Registry	735517-5158P
Monoethanolamine	141-43-5

New Jersey Right To Know

water	7732-18-5
Dipropylene glycol methyl ether	34590-94-8
Trade Secret Registry	735517-5126P
EDTA, sodium salt	64-02-8
D-gluconic acid, compound with 2,2',2''-nitrilotrisethanol (1:1)	42728-79-0
Triethanolamine	102-71-6
Trade Secret Registry	735517-5158P
Monoethanolamine	141-43-5

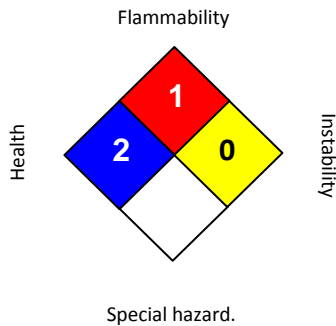
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NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Splash Goggles, Gloves, Apron, Dust
and Vapour Respirator

SECTION 16. OTHER INFORMATION

Further information

Version 1.0

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Chemetall US, Inc. warrants that the products described herein will conform with its published specifications.

The products supplied by Chemetall and information related to them are intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of the Chemetall materials for their own particular purpose. Since buyer's conditions of use of products are beyond Chemetall's control, Chemetall does not warrant any recommendations and information for the use of such products. CHEMETALL DISCLAIMS ALL OTHER WARRANTIES INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH THE USE OF ITS PRODUCTS.