



**SAFTY DATA SHEET**  
**According to Regulation (EC) No 1907/2006 (REACH)**

Revision Date: March 8, 2017

Version No.: 2

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**SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**

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<b>1.1</b>	<b>Product Identifier</b> Product Name	<b>GLYCERIN 99.7% USP</b>
<b>1.2</b>	<b>Relevant Identified Uses of the Substance or Mixture and Uses Advised Against</b> Identified uses	Cosmetic raw material
<b>1.3</b>	<b>Details of the Supplier of the Safety Data Sheet</b> Company	JEEN International Corporation 24 Madison Road Fairfield, New Jersey 07004 Tel: +1-973-439-1401 Fax: +1-973-439-1402 email: <a href="mailto:info@jeen.com">info@jeen.com</a> Website: <a href="http://www.jeen.com">www.jeen.com</a>
<b>1.4</b>	<b>Emergency telephone number</b>	+1703-527-3887(Chemtrec Int'l Tel - Collect calls accepted)

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**SECTION 2 – HAZARDS INGREDIENTS**

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<b>2.1</b>	<b>Classification of the Substance or Mixture</b> according to Regulation (EC) 1272/2008	None
<b>2.2</b>	<b>Label Elements</b> according to Regulation (EC) EU 1272/2008	
	Hazard pictogram	None
	Signal words	None
	Hazard statements	None
	Precautionary statements	None
<b>2.3</b>	<b>Other Hazards</b>	None known

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**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

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<b>3.1</b>	<b>Substances</b>	-
<b>3.2</b>	<b>Mixture</b>	
	Chemical characterization	Cosmetic ingredients
	INCI	Glycerin      Water
	CAS	56-81-5      7732-18-5
	EC	200-289-5      231-791-2
	Concentration	99.7%      0.3%

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**SECTION 4 – FIRST AID MEASURES**

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<b>4.1</b>	<b>Description of First Aid Measures</b>	
	EYES:	Flush eyes with plenty of water
	SKIN:	Wash off in flowing water or shower



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INGESTION:

If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

INHALATION:  
NOTE TO PHYSICIAN:

Remove to fresh air if effects occur. Consult a physician. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient. If irritation develops, seek medical attention.

**4.2 Most important Symptoms and Effects**

No information available

**4.3 Indication of any immediate Medical Attention and special Treatment needed**

No information available.

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**SECTION 5 – FIRE FIGHTING MEASURES**

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**5.1 Flammable Properties**

FLASH POINT: 390F, 199C  
METHOD USED: PMCC  
AUTOIGNITION TEMPERATURE: 698F, 370C

**5.2 Flammability Limits**

LFL: Not determined  
UFL: Not determined

**5.3 Hazardous Combustion Products**

During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to: Aldehydes, carbon monoxide, carbon dioxide.

**5.4 Extinguishing Media**

Water fog or fine spray, carbon dioxide, dry chemical, foam. Alcohol resistant foams (ATC type) or protein foams may function, but much less effectively. Do not use direct water stream. Will spread fire.

**5.5 Unsuitable Extinguishing Media**

Do not use direct water stream.

**5.6 Fire Fighting Instructions**

Keep people away. Isolate fire area and deny unnecessary entry. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire.

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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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**6.1 Personal precautions, Protective Equipment and Emergency Procedures**

Keep unnecessary people away; isolate hazard area and deny unnecessary entry.

**6.2 Environmental Precautions**

Keep out of sewers, storm drains, surface water and soil.

**6.3 Methods and Material for Containment and Cleaning Up**

Cover with absorbent material, soak up and sweep into a drum. Large



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spills: Dike around spill and pump into suitable containers.

**6.4 Reference to other Sections**

Section 8: Exposure control /personal protection.  
 Section 13: Waste treatment.

**SECTION 7 – HANDLING AND STORAGE**

**7.1 Precautions for Safe Handling**

Practice reasonable care and caution.

**7.2 Condition for Safe Storage, including any Incompatibilities**

Glycerin freezes at 64F. Glycerin should be kept above 64F but below 130F

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Engineering Controls**

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

**8.2 Personal Protective Equipment**

EYE/FACE PROTECTION:

Use safety glasses.

SKIN PROTECTION:

No precautions other than clean body –covering clothing should be needed.

RESPIRATORY PROTECTION:

For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use an approved air-purifying respirator.

EXPOSURE GUIDELINE:

Glycerin: ACGIH TLV is 10 mg/m3. OSHA PEL is 10 mg/m3 total, 5 mg/m3 respirable. PELs are in accord those recommended by OSHA, as in the 1989 revision of PELs.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic Physical and Chemical Properties**

APPEARANCE:

Water white liquid

ODOR:

Odorless

VAPOR PRESSURE:

< 1.0 MMHG @ 20C

VAPOR DENSITY:

3.1

BOILING POINT:

554F, 290C

SOLUBILITY IN WATER:

Miscible

SPECIFIC GRAVITY:

1.2490 @ 25°C (MIN)

**SECTION 10 – STABILITY AND REACTIVITY**

**10.1 Stability**

Stable

**10.2 Incompatible Materials**

Oxidizing material

**10.3 Hazardous Decomposition Products**

Acrolein

**10.4 Conditions to Avoid**

Avoid strong oxidizing agent (such as sodium hypochlorite, hypochlorous acid)

**10.5 Hazardous Polymerization**

Will not occur



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SECTION 11 - TOXICOLOGICAL INFORMATION

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**11.1 Information on Toxicological Effects** No data available

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SECTION 12 - ECOLOGICAL INFORMATION

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**12.1 Environmental Fate**  
MOVEMENT & PARTITIONING: Based largely or completely on information for similar material(s), i.e. glycerine. Bioconcentration potential is low (BCF less than 100 or Log Pow less than 3). Log octanol/water coefficient (log Pow) is -1.76.

DEGRADATION & PERSISTENCE: Based largely or completely on information for similar material(s), i.e. glycerine. Biodegradation under aerobic laboratory conditions is high (BOD20 or BOD28/ThOD greater than 40%). Biodegradation is expected to be achievable in a secondary wastewater treatment plant. Inhibitory concentration (1C50) in OECD Activated Sludge Respiration Inhibition Test (OECD Test No. 209) is greater than 1000 mg/L. 5 Day biochemical oxygen demand (BOD5) is 0.54 p/p. 10 Day biochemical oxygen demand (BOD10) is 0.98 p/p. 20 Day biochemical oxygen demand (BDD20) is 1.0 p/p. Theoretical oxygen demand (ThOD) is calculated to be 1.22 p/p.

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SECTION 13 - DISPOSAL CONSIDERATIONS

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**13.1 Waste Treatment Methods** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste Characterizations and compliance with applicable laws are the responsibility solely of the waste generator. THE JEEN INTERNATIONAL COMPANY HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION 2 (Composition/information on ingredients). FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: recycler, reclaimer, incinerator or other thermal destruction device.

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SECTION 14 – TRANSPORTATION INFORMATION

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**14.1 U.S. Department of Transpiration (DOT)** For DOT regulatory information, if required, consult transportation regulations, product shipping papers, or your Jeen International representative.



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**14.2 Canadian TDG Information**

For TDG regulatory information, if required, consult transportation regulations, product shipping papers, or your Jeen International representative.

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**SECTION 15 – REGULATORY INFORMATION**

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**NOTICE:**

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See other sections for health and safety information.

**U.S. REGULATIONS**  
**SARA HAZARD CATEGORY:**

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Not to have met any hazard category

**CANADIAN REGULATIONS:**

**WHMIS INFORMATION:** The Canadian Workplace Hazardous Materials Information System (WHMIS) Classification for this product is:

This product is not a "Controlled Product" under WHMIS.

Symbol:	None
Hazard Statement(s)	None
Precautionary Statement(s)	None

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**SECTION 16 – OTHER INFORMATION**

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**Disclaimer:** As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with applicable federal, state and local regulations remains the responsibility of the user.