

Amazing Goop - Automotive, Craft, Household, Lawn & Garden, Marine, Plumbing,
RV, Sport & Outdoor, Wood & Furniture

Section 1. Chemical product and company identification

Trade name : Amazing Goop - Automotive, Craft, Household, Lawn & Garden, Marine, Plumbing, RV, Sport & Outdoor, Wood & Furniture

Supplier : Eclectic Products Inc.
1075 Arrowsmith
Eugene, OR 97402
541-484-9621

Manufacturer : Eclectic Products Inc.
1075 Arrowsmith
Eugene, OR 97402
541-484-9621

Code : 1000021

Validation date : **11/17/2006.**

Print date : 11/17/2006.

Responsible name : Regulatory Compliance

In case of emergency : CALL INFOTRAC
1-800-535-5053
001-352-323-3500

Section 2. Composition, Information on Ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Toluene	108-88-3	25-40
Solvent Naptha	64742-89-8	15-25

Section 3. Hazards identification

Physical state : Liquid.

Emergency overview : Warning!
CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION.
CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:
KIDNEYS, LIVER, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM,
EYE, LENS OR CORNEA.
FLAMMABLE LIQUID AND VAPOR.
VAPOR MAY CAUSE FLASH FIRE.
MAY BE HARMFUL IF SWALLOWED.
Do not ingest. Avoid contact with skin and clothing. Avoid breathing vapor or mist.
Keep away from heat, sparks and flame. Keep container closed. Use only with
adequate ventilation. Wash thoroughly after handling.

Routes of entry : Dermal contact. Eye contact. Inhalation.

Potential acute health effects

Eyes : Irritating to eyes.

Skin : Irritating to skin.

Inhalation : Irritating to respiratory system.

Ingestion : Harmful if swallowed.

Potential chronic health effects : **CARCINOGENIC EFFECTS**Not available.
MUTAGENIC EFFECTSNot available.
TERATOGENIC EFFECT: Not available.

Medical conditions aggravated by overexposure: : Repeated or prolonged exposure is not known to aggravate medical condition.

See toxicological Information (section 11)

Continued on next page

Section 4. First aid measures

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
- Skin contact** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Section 5. Fire fighting measures

- Flammability of the product** : Flammable.
- Flash point** : Open cup: 4.4444°C (40°F).
- Flammable limits** : The greatest known range is Lower: 1% Upper: 7%
- Products of combustion** : These products are carbon oxides (CO, CO₂).
- Fire-Fighting Measures** : In case of fire, use water spray (fog), foam, dry chemicals, or CO₂.
- Fire fighting media and instructions** : Not available.
- Fire/explosion hazards** : Flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
- Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Do not touch or walk through spilled material.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

- Handling** : Do not ingest. Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Wash thoroughly after handling.
- Storage** : Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8. Exposure Controls, Personal Protection

- Engineering controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
- Personal protection**
- Eyes** : 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 or dusts.
- Skin** : 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.
- Respiratory** : Use a properly fitted, air-purifying or air-fed 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.
- Hands** : Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Handling** : Consult your supervisor or S.O.P. for special handling directions
- Personal protection in case of a large spill** : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Chemical name

Toluene

Exposure limits

ACGIH TLV (United States, 1/2005). Skin Notes: 1996 Adoption Refers to Appendix A -- Carcinogens.

TWA: 188 mg/m³ 8 hour(s). Form: All forms

TWA: 50 ppm 8 hour(s). Form: All forms

NIOSH REL (United States, 12/2001).

STEL: 560 mg/m³ 15 minute(s). Form: All forms

STEL: 150 ppm 15 minute(s). Form: All forms

TWA: 375 mg/m³ 10 hour(s). Form: All forms

TWA: 100 ppm 10 hour(s). Form: All forms

OSHA PEL 1989 (United States, 3/1989). Notes: See Table Z-2.

STEL: 560 mg/m³ 15 minute(s). Form: All forms

STEL: 150 ppm 15 minute(s). Form: All forms

TWA: 375 mg/m³ 8 hour(s). Form: All forms

TWA: 100 ppm 8 hour(s). Form: All forms

OSHA PEL Z2 (United States, 8/1997).

AMP: 500 ppm 10 minute(s). Form: All forms

CELL: 300 ppm Form: All forms

TWA: 200 ppm 8 hour(s). Form: All forms

Section 9. Physical and chemical properties

- Physical state** : Liquid.
- Color** : Clear.
- Boiling/condensation point** : 114.83°C (238.7°F)
- Melting/freezing point** : Not available.
- Specific gravity** : 0.97 (Water = 1)
- Vapor pressure - Weighted average** : 2.9 kPa (22 mm Hg) (at 20°C)
- Estimated Vapor Density** : 3.2 (Air = 1)
- Evaporation rate** : >1 compared to Butyl acetate.
- VOC** : 54.999%
- To convert % VOC to lbs/gal use the following equation:
Specific Gravity*8.33*VOC%=VOC lbs/gal

Section 10. Stability and reactivity

- Stability and reactivity** : The product is stable.
- Conditions of instability** : Not available.
- Incompatibility with various substances** : Reactive with oxidizing agents.
- Hazardous decomposition products** : Not available.
- Hazardous polymerization** : Will not occur.

Section 11. Toxicological information

Toxicity data

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Toluene	LD50	636 mg/kg	Oral	Rat
	LDLo	50 mg/kg	Oral	human

Chronic effects on humans and Target organs : Contains material which causes damage to the following organs: kidneys, liver, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

Other toxic effects on humans : No specific information is available in our database regarding the other toxic effects of this material for humans.

Specific effects

- Carcinogenic effects** : No known significant effects or critical hazards.
- Mutagenic effects** : No known significant effects or critical hazards.
- Reproduction toxicity** : No known significant effects or critical hazards.

Section 12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
Toluene	Daphnia magna (EC50)	48 hour(s)	6 mg/l
	Daphnia magna (EC50)	48 hour(s)	6.56 mg/l
	Oncorhynchus mykiss (EC50)	48 hour(s)	6.78 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	5.8 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	6.78 mg/l
	Pimephales promelas (LC50)	96 hour(s)	12.6 mg/l

Products of degradation : These products are carbon oxides (CO, CO₂) and water.

Toxicity of the products of biodegradation : The products of degradation are less toxic than the product itself.

Section 13. Disposal considerations





Waste disposal : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

Section 14. Transport information

<u>Regulatory information</u>	<u>UN number</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packing group</u>	<u>Label</u>	<u>Additional information</u>

Continued on next page

DOT Classification	1133	ADHESIVES	3	II		<p><u>Limited quantity</u> Yes.</p> <p><u>Packaging instruction</u> Passenger Aircraft Quantity limitation: 5 L</p> <p><u>Cargo Aircraft</u> Quantity limitation: 60 L</p> <p><u>Special provisions</u> < . 3 Gal. Consumer commodity ORM-D</p>
TDG Classification	1133	ADHESIVES (Toluene, Solvent Naptha)	3	II		<p><u>Explosive Limit and Limited Quantity Index</u> 5</p> <p><u>Passenger Carrying Ship Index</u> Forbidden</p> <p><u>Passenger Carrying Road or Rail Index</u> 5</p>
IMDG Class	1133	ADHESIVES	3	II		<p><u>Emergency schedules (EmS)</u> F-E,S-D</p>
IATA-DGR Class	1133	ADHESIVES	3	II		<p><u>Quantity limitation - Passenger Aircraft - Limited quantity</u> 1 L</p> <p><u>Quantity limitation - Passenger Aircraft</u> 5 L</p> <p><u>Quantity limitation - Cargo</u></p>

Aircraft
60 L

Section 15. Regulatory information

U.S. Federal regulations : All components of this product are listed on the TSCA inventory, or are exempt.
SARA 311/312 - fire, Acute, Chronic

SARA 313

Form R - Reporting requirements	Chemical name	CAS number	Concentration
:	Toluene	108-88-3	25-40

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

State regulations : **WARNING:**This product contains chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm: Toluene

International regulations

DSCL (EEC) : R11- Highly flammable.
R22- Harmful if swallowed.

International lists : If all product components are listed, the name of the inventory list will be displayed.
CEPA DSL: All components of this product are listed on the inventory.

Section 16. Other information

Label Requirements : CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION.
CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:
KIDNEYS, LIVER, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM,
EYE, LENS OR CORNEA.
FLAMMABLE LIQUID AND VAPOR.
VAPOR MAY CAUSE FLASH FIRE.
MAY BE HARMFUL IF SWALLOWED.

Hazardous Material Information System (U.S.A.) :

Health	*	2
Fire hazard		3
Reactivity		0
Personal protection		X

National Fire Protection Association (U.S.A.) :



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Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.