

Hazardous products produced under decomposition:

Oxides of carbon

Section 11 - Toxicological Information

Mixture Toxicity

Oral Toxicity: 2,670mg/kg

Component Toxicity

67-63-0

Isopropyl Alcohol

Oral: 1,870 mg/kg (Rat) Dermal: 4,059 mg/kg (Rabbit)

This mixture has not been tested for toxicological effects .

Acute Effects:

INHALATION - Dizziness, breathing difficulty, headaches, & loss of coordination .

EYE CONTACT - Moderate irritation, tearing, redness, and blurred vision .

SKIN CONTACT - Moderate irritant. Can dry and defat skin causing cracks, irritation, and dermatitis.

INGESTION - Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea.

Chronic Effects:

May affect liver, kidney and central nervous system with repeated exposure . Prolonged or repeated exposure may cause lung injury.

Routes of Entry

Inhalation

Skin Contact

Eye Contact

Ingestion

Target Organs

Eyes

Skin

Respiratory System

Effects of Overexposure

Short Term Exposure

Glycerin can be irritating to the eyes, skin, and respiratory tract. When swallowed, it can cause insomnia, nausea, vomiting, diarrhea, fever, hemoglobinuria, convulsions and paralysis. Toxic in high concentrations; it is somewhat dehydrating and irritating to exposed tissues. Symptoms include headache, dizziness, insomnia, nausea, vomiting, diarrhea, fever, elevated blood sugar and diabetic coma; very large doses may cause irritation and dehydration of tissues, hemolysis, renal failure, hemoglobinuria, convulsions, and paralysis.

Long Term Exposure

May cause kidney damage.

The following chemicals comprise of at least 0.1% of this mixture and are listed and/or classified as carcinogens or potential carcinogens by the NTP, IARC, OSHA (mandatory listing) or ACGIH (optional listing).

CAS Number

Description

% Weight

Carcinogen Rating

None

No Data Available

Section 12 - Ecological Information

This material has not been tested for ecological effects .

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: Contains photochemically reactive solvent.

Component Ecotoxicity

Isopropyl Alcohol

96 Hr LC50 Pimephales promelas: 9640 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 11130 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: >1400000 µg/L
48 Hr EC50 Daphnia magna: 13299 mg/L
96 Hr EC50 Desmodesmus subspicatus: >1000 mg/L; 72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L

Section 13 - Disposal Considerations

Product and container should be disposed of in accordance with all local, regional, national and international regulations. Contact a licensed professional waste disposal service to dispose of this material. Subject to hazardous waste generation, treatment, storage and disposal rules under RCRA, 40CFR261.

Section 14 - Transportation Information

The following transportation information is provided based on Transtar Autobody Technologies interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking and labeling prior to offering for transport.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
IATA	Isopropyl Alcohol Solution	UN1219	II	3
IMDG	Isopropyl Alcohol Solution	UN1219	II	3
USDOT	Isopropyl Alcohol Solution	UN1219	II	3

For inner packagings not exceeding 5L each packaged in a strong outer box: Limited Quantity

Section 15 - Regulatory Information

The information listed in this section is not all inclusive of all regulations for this product or the chemical components of this product.

Australia-AICS: The following chemicals are listed:

56-81-5 Glycerin 1 to 5 %
7732-18-5 Water 20 to 30 %
67-63-0 Isopropyl Alcohol 60 to 70 %

China-SEPA (IECSC): The following chemicals are listed :

56-81-5 Glycerin 1 to 5 %
7732-18-5 Water 20 to 30 %
67-63-0 Isopropyl Alcohol 60 to 70 %

DSL Status: The following chemicals are listed on the DSL Inventory.

56-81-5 Glycerin 1 to 5 %
7732-18-5 Water 20 to 30 %
67-63-0 Isopropyl Alcohol 60 to 70 %

HAPS: This formulation contains the following HAPS:

- None

NDSL Status

- None

NJ RTK: The following chemicals are listed under New Jersey RTK

56-81-5 Glycerin 1 to 5 %
67-63-0 Isopropyl Alcohol 60 to 70 %

California Proposition 65

WARNING: This product can expose you to chemicals including

- None

, which is[are] known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65

WARNING: This product can expose you to chemicals including

- None

which is[are] known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

PA RTK: The following chemicals are listed under Pennsylvania RTK:

- 56-81-5 Glycerin 1 to 5 %
- 67-63-0 Isopropyl Alcohol 60 to 70 %

SARA 312: This Product contains the following chemicals subject to the reporting requirements of SARA 312:

- None

SARA 313: This Product contains the following chemicals subject to the reporting requirements of SARA 313:

- None

TSCA: The following are not listed under TSCA:

- None

Section 16 - Other Information

Note: HMIS Ratings involve data and interpretations that can vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

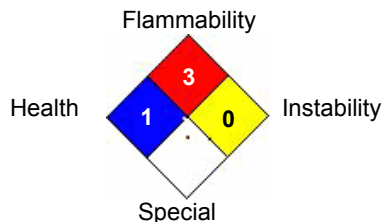
Hazardous Material Information System (HMIS)

HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

HMIS & NFPA Hazard Rating

Legend
* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)



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To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Transtar Autobody Technologies to be accurate. As with all chemicals, **KEEP AWAY FROM CHILDREN AND ANIMALS. FOR PROFESSIONAL AND INDUSTRIAL USE ONLY.** The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.