



SAFETY DATA SHEET

1. IDENTIFICATION

PRODUCT NAME: Absolved
USE: Antiseptic Hand Sanitizer
Distributor: Central Sanitary
416 North 9th St
Modesto, CA 95350
Emergency Number: (800) 535-5053 (Infotrac 24 Hours)

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids: Category 3

Eye irritation: Category 2A

GHS Label element



Signal Word: Warning

Hazard Statements: Flammable liquid and vapor. Causes serious eye irritation.

Precautionary Statements: Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/ container to an approved waste disposal plant.

Other hazards: None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

CHEMICAL NAME	CAS#	Weight
Ethanol	64-17-5	60 - 70%

4. FIRST AID MEASURES

In case of eye contact: Rinse with water.

In case of skin contact: Rinse with water.

If swallowed: Rinse mouth. Get medical attention if symptoms occur,

If inhaled: Get medical attention if symptoms occur.

Protection of first-aiders: No special precautions are necessary for first aid responders.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: High volume water jet

Specific hazards during fire fighting: Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Hazardous combustion products: Carbon oxides

Special protective equipment for fire-fighters: Use personal protective equipment.

Specific extinguishing methods: Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions: Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up: Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local

/ national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway

7. HANDLING AND STORAGE

Advice on safe handling: Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces.

Conditions for safe storage: Keep away from heat and sources of ignition. Keep in a cool, wellventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

Storage temperature: 0 °C to 35 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection: No special protective equipment required.

Hand protection: No special protective equipment required.

Skin protection: No special protective equipment required.

Respiratory protection: No personal respiratory protective equipment normally required.

Hygiene measures: No specific measures identified.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless clear liquid.

Odor: Alcohol odor.

pH: 7-8

Melting/Freezing point: No information available.

Initial boiling point and boiling range: 180° F

Flash Point: 23°C (73 °F)

Flammability (solid, gas): Flammable Liquids - Category 3

Lower flammable limit (% by vol.): 5%

Upper flammable limit (% by vol.): 16%

Specific gravity: 0.89 g/mL

Solubility in water: Complete

Viscosity: 5-15 cSt at 20°C / 68°F

Volatile Organic Compounds (VOC): 60-70%

Vapor pressure: No information available

Odor threshold: No information available

Vapor density: No information available

Partition coefficient (n-octanol/water): No information available

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Heat, flames and sparks.

Incompatible materials: None known.

Hazardous decomposition products: Carbon oxides

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes: Causes serious eye irritation.

Skin: Health injuries are not known or expected under normal use.

Ingestion: Health injuries are not known or expected under normal use.

Inhalation: Health injuries are not known or expected under normal use.

Chronic Exposure: Health injuries are not known or expected under normal use.

Eye contact: Redness, Pain, Irritation Skin contact : No symptoms known or expected.

Ingestion: No symptoms known or expected.

Inhalation: No symptoms known or expected.

Toxicity

Acute oral toxicity: Acute toxicity estimate: > 5,000 mg/kg Acute inhalation toxicity : no data available

Acute dermal toxicity: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

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.

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

Reproductive effects: no data available

Germ cell mutagenicity: no data available

Teratogenicity: no data available

STOT-single exposure: The substance or mixture is not classified as specific target organ toxicant, single exposure. STOT-repeated exposure : no data available

Aspiration toxicity: no data available Ingredients

Acute inhalation toxicity: ethanol 4 h LC50 rat: 117 mg/l Ingredients

Acute dermal toxicity: ethanol LD50 rabbit: 15,800 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects: Harmful to aquatic life

Product Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: no data available Ingredients

Toxicity to fish: ethanol 96 h LC50 Fish: 11,000 mg/l

Persistence and degradability no data available

Bioaccumulative potential no data available

Mobility in soil no data available

Other adverse effects no data available

13. DISPOSAL CONSIDERATIONS

Disposal methods: The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

14. TRANSPORT INFORMATION

Land transport (DOT)

UN number: 1170

Description of the goods: Ethanol solutions

Class: 3 Packing group : III

Environmentally hazardous: no

15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Fire Hazard Acute Health Hazard

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.

California Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of Central Sanitary. It is the responsibility of the customer to determine the conditions of safe use of these products.

Safety Data Sheet Prepared: March 31, 2020