



SAFETY DATA SHEET

Issue Date 06-22-2018

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Version 4

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name: ODOR-B-GONE™ (3 oz.)

Other means of identification

Common Name: 06501
UN/ID No NA1993 (Domestic)
Synonyms None
Product Categories Automotive, Odor Treatment

Recommended use of the chemical and restrictions on use

Sale and Use Restrictions Not applicable
Recommended Use Restricted to professional users.
Uses advised against Consumer use

Details of the supplier of the safety data sheet

Supplier Address
MOC PRODUCTS CO., INC.
12306 Montague Street
Pacoima, CA 91331

Emergency telephone number

Company Phone Number MOC PRODUCTS CO., INC. (818) 794-3500
Emergency Telephone CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

| | |
|-------------------|------------|
| Flammable liquids | Category 3 |
|-------------------|------------|

Label elements

Emergency Overview

Warning

Hazard statements

Flammable liquid and vapor



Appearance Alcoholic solution **Physical state** Liquid **Odor** Fresh

Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment (if metal)
 Use explosion-proof electrical/ventilating/lighting equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other information

- Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS Number | Weight % | Trade Secret |
|-------------------|------------|----------|--------------|
| Ethyl Alcohol | 64-17-5 | 3-10 | * |
| Isopropyl Alcohol | 67-63-0 | 1-5 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

| | |
|---------------------|--|
| Skin contact | Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. |
| Inhalation | If affected, remove to fresh air. Call a physician if irritation develops and persists. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Call a physician or Poison Control Center. |
| Eye contact | Immediately flush eyes for at least 15 minutes. Get medical attention. |
| Ingestion | If swallowed, call a poison control center or physician immediately. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. |

Most important symptoms and effects, both acute and delayed

Symptoms Dizziness, Drowsiness, Headache, Skin irritation, Eye irritation.

Indication of any immediate medical attention and special treatment needed

Self-protection of the first aider Avoid contact with skin. Avoid breathing vapors or mists.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use dry chemical, CO₂, water spray (fog) or alcohol resistant foam.

| | |
|------------------------------|--|
| Small Fire | Dry chemical or CO ₂ . |
| Large Fire | Water spray or fog, Alcohol resistant foam. |
| Explosive properties: | Vapors may form explosive mixture with air. May form explosive mixtures in presence of oxidizing substances (gas/dust). Risk of explosion if heated under confinement. May form explosive peroxides. |

Specific hazards arising from the chemical

Flammable. Keep product and empty container away from heat and sources of ignition. This product may form explosive peroxides, especially in the presence of oxidizing agents. Flash back possible over considerable distance. Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. In the event of fire and/or explosion do not breathe fumes.

Hazardous combustion products Carbon monoxide, Carbon dioxide (CO₂), Hydrocarbons, Toxic gases and fumes.

Specific methods:

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Yes. May be ignited by heat, sparks or flames.

Special firefighting procedures:

FLAMMABLE LIQUID AND VAPOR. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use fine water spray to reduce vapors; do not put water directly on point of material release from container. Fire or intense heat may cause violent rupture of packages.

Component
Isopropyl Alcohol
67-63-0 (1-5)

ACGIH - test
40

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal precautions:** Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Remove all sources of ignition. Pay attention to flashback. Use personal protective equipment. See Section 8 for information on appropriate personal protective equipment.
- For emergency responders** Use personal protection recommended in Section 8. Ventilate the area. Remove all sources of ignition. Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction. Pay attention to flashback.

Environmental precautions

- Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up

- Methods for Containment** Remove all sources of ignition. Ventilate the area. Prevent further leakage or spillage if safe to do so. Use non-sparking tools. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.
- Methods for clean-up:** Clean-up methods - small spillage: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Clean-up methods - large spillage: Large spills present a vapor explosion and liquid fire hazard; evacuate area and ensure response by personnel trained and equipped to respond to flammable material incident or off-site emergency responders or fire department.
- Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

- Handling:** Do not get in eyes, on skin, or on clothing. Keep product and empty container away from heat and sources of ignition. When heated: Avoid breathing vapors or mists. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Ground/bond container and receiving equipment (if metal). Keep away from any incompatible materials (See Section 10). Protect from physical damage. Do not store at temperatures above 120°F.

Conditions for safe storage, including any incompatibilities

- Technical measures/precautions:** Mechanical ventilation required if used indoors on a continuous basis. Eye wash and safety shower should be easily accessible.
- Materials to avoid:** Acids, Aldehydes, Alkalis, Amines, Ethylene oxide, Halogenated compounds, Halogens, Isocyanates, Strong bases, Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA Exposure Limits: | NIOSH IDLH |
|------------------------------|-------------------------------|--|---|
| Ethyl Alcohol 64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm TWA: 1900 mg/m ³ | IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³ |
| Isopropyl Alcohol 67-63-0 | STEL: 400 ppm TWA: 200 ppm | TWA: 400 ppm TWA: 980 mg/m ³ | IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³ |

Appropriate engineering controls

Engineering measures: Mechanical ventilation required if used indoors on a continuous basis. Eye wash and safety shower should be easily accessible.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Wear safety glasses with side shields (or goggles).
- Skin and body protection** Wear normal work clothing. Solvent-resistant gloves. (consult with the specific manufacturer to confirm performance). Additional body garments should be used based on task being performed: Chemical resistant suit, and boots, Face protection shield.
- Respiratory protection** Ensure adequate ventilation. No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. A respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed whenever workplace conditions warrant a respirator's use.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Avoid contact with eyes, skin and clothing. Use personal protective equipment. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|---------------------|-----------------------|--------------------------|
| Physical state | Liquid | Odor | Fresh |
| Appearance | Alcoholic solution | Odor threshold | No information available |
| Color | Clear and Colorless | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--------------------------------------|--------------------------|----------------------------------|
| pH | 6.9-7.5 | |
| Melting point/freezing point | <= 0 °C / 32 °F | (based on components) |
| Boiling point / boiling range | > 77 °C / 172 °F | (based on components) |
| Flash point | 43 °C / 110 °F | Pensky-Martens Closed Cup (PMCC) |
| Evaporation rate | Slower than ether | |
| Flammability (solid, gas) | No information available | |
| Flammability Limits in Air | | |
| Upper flammability limit | No Data Available | |
| Lower flammability limit | No Data Available | |
| Vapor pressure | No Data Available | |
| Vapor density | Heavier than air | |
| Specific Gravity | 0.99 | |
| Water solubility | Soluble in water | |
| Solubility in other solvents | No Data Available | |
| Partition coefficient | No Data Available | |
| Autoignition temperature | No Data Available | |
| Decomposition temperature | No Data Available | |
| Kinematic viscosity | No information available | |
| Dynamic viscosity | No Data Available | |
| Explosive properties | No Data Available | |
| Oxidizing properties | No Data Available | |

Other information

| | |
|-------------------------|-------------------|
| Softening point | No Data Available |
| Molecular weight | No Data Available |
| VOC Content (%) | |
| VOC Content (%) | 9.02 |
| Density | 0.99 |
| Bulk density | No Data Available |

10. STABILITY AND REACTIVITY

Reactivity

Reactivity Stable under normal conditions.

Chemical stability

Possibility of Hazardous Reactions May form peroxides of unknown stability. Vapors may form explosive mixture with air. May react with oxidizing agents.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Materials to avoid:

Acids, Aldehydes, Alkalis, Amines, Ethylene oxide, Halogenated compounds, Halogens, Isocyanates, Strong bases, Strong oxidizing agents.

Hazardous Decomposition Products

Hazardous Decomposition Products Carbon monoxide, Carbon dioxide (CO₂), Hydrocarbons, Toxic gases and fumes.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|---|
| Product Information | May be harmful if swallowed. May cause eye irritation. May cause skin irritation. |
| Inhalation | Small amounts: Harmful effects Not expected. In high concentrations: Vapors may be irritating to eyes, nose, throat, and lungs. |
| Eye contact | Contact with eyes may cause irritation. |
| Skin Contact | May cause irritation. |
| Ingestion | May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Potential for aspiration if swallowed. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------------------|----------------------|-------------------------|---------------------------------------|
| Ethyl Alcohol 64-17-5 | =7060 mg/kg (Rat) | - | = 124.7 mg/L (Rat) 4 h |
| Isopropyl Alcohol 67-63-0 | = 1870 mg/kg (Rat) | = 4059 mg/kg (Rabbit) | = 72600 mg/m ³ (Rat) 4 h |

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---------------------------|---|
| Sensitization | Skin Sensitization: Not expected. Respiratory Sensitization: Not classified. |
| Mutagenic effects: | No data available to indicate product or any components present at or greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity | Category 3: Not Classifiable. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage. |

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|------------------------------|-------|---------|-----|------|
| Isopropyl Alcohol 67-63-0 | | Group 3 | | |

| | |
|---------------------------------|--|
| Reproductive toxicity | Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. |
| STOT - single exposure | Not classified. |
| STOT - repeated exposure | Not classified. |
| Chronic toxicity | Prolonged skin contact may defat the skin and produce dermatitis. |
| Subchronic toxicity | No information available. |
| Target Organ Effects | Skin, Eyes, Respiratory system, Central nervous system. |
| Neurological effects | Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. |
| Other adverse effects | Effects on laboratory animals: Liver, Slight. |
| Aspiration hazard | No information available. |

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

| | |
|--------------------------------------|-------------|
| ATEmix (oral) | 23222 mg/kg |
| ATEmix (dermal) | 70094 mg/kg |
| ATEmix (inhalation-dust/mist) | 39 mg/l |
| ATEmix (inhalation-vapor) | 2760 mg/l |

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chronic Aquatic Toxicity: Harmful to aquatic life with long lasting effects.

0.69 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|------------------------------|--|---|----------------------------|--|
| Ethyl Alcohol 64-17-5 | | 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through | | 9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static |
| Isopropyl Alcohol 67-63-0 | 1000: 96 h Desmodemus subspicatus mg/L EC50 1000: 72 h Desmodemus subspicatus mg/L EC50 | 9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50 | | 13299: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability

No information available.

Bioaccumulation

Bioaccumulative potential.

Mobility

Soluble in water. If product enters soil, one or more constituents will be mobile and may contaminate ground water.

| Chemical Name | Partition coefficient |
|------------------------------|-----------------------|
| Isopropyl Alcohol 67-63-0 | 0.05 |

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Dispose of in accordance with federal, state and local regulations.

Contaminated packaging

Do not reuse container. Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Limited quantity (LQ) < 5 Liters

DOT

UN/ID No NA1993
 Proper Shipping Name: Combustible liquids, n.o.s. (Ethanol, Isopropanol)
 Hazard Class Comb. Liq.
 Packing Group: III
 Emergency Response Guide Number 128

IATA

| | |
|------------------------------|--|
| UN/ID No | UN1993 |
| Proper Shipping Name: | Flammable liquids, n.o.s. (Ethanol, Isopropanol) |
| Hazard Class | 3 |
| Packing Group: | III |

IMDG

| | |
|------------------------------|--|
| UN/ID No | UN1993 |
| Proper Shipping Name: | Flammable liquids, n.o.s. (Ethanol, Isopropanol) |
| Hazard Class | 3 |
| Packing Group: | III |

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|--|-----|
| Acute health hazard | Yes |
| Chronic Health Hazard | Yes |
| Fire hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

State Regulations (RTK)

California Proposition 65

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm:

| Chemical Name | CAS Number | California Proposition 65 |
|--------------------------|------------|-----------------------------|
| Methyl Alcohol | 67-56-1 | Developmental |
| Acetaldehyde | 75-07-0 | Carcinogen |
| Diethyl Sulfate | 64-67-5 | Carcinogen |
| Bis(2-chloroethyl) ether | 111-44-4 | Carcinogen |
| Methylisobutyl ketone | 108-10-1 | Carcinogen Developmental |

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA Rating

Health hazards 1

Flammability 2

Instability 0

Physical and Chemical Properties -

HMIS Rating

Health hazards 1*

Flammability 2
Physical hazards 0
Personal protection B
Chronic Hazard Star Legend

* = Chronic Health Hazard

Prepared by Environmental Health and Safety Department
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Revision Note

Formula. This data sheet contains changes from the previous version in section(s): 15.

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet