



SAFETY DATA SHEET SPRAY 77

SECTION 1: IDENTIFICATION

Product Name: Spray 77
Product Code: V45
Product Use: Cleaner and disinfectant
Distributed By: E-ZOIL Products, Inc.
Address: 234 Fillmore Avenue
Address: Tonawanda, NY 14150 USA
Business Phone: 855-693-9645
Emergency Phone: 800-633-8253 PERS
Date of Preparation: October 1, 2020
Date of Last Revision: October 1, 2020
Regulatory Standard: CFR29 1910.1200 HazCom 2012
Product Class: Quaternary Ammonium Chloride Compound
EPA Registration Number: 1839-83-19

SECTION 2: HAZARDS IDENTIFICATION

GHS-US classification
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2 Subcategory A

Hazard pictograms (GHS-US):



NOTE: Pictograms not permitted on label. EPA Registered Product. See section 15 Regulatory Information.

Signal word (GHS-US): Warning

Hazard statements (GHS-US): Causes serious eye and skin irritation. May be harmful if swallowed.

OSHA/HCS Status: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Read complete product label.

Precautionary Statements: Prevention – Keep container tightly closed. No smoking. Use only with adequate ventilation. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective equipment as required.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Diethylene glycol monobutyl ether	112-34-5	< 8
Alkyl Dimethyl Ammonium Chloride	85409-23-0	< 1
Alkyl dimethyl ethylbenzyl ammonium chloride	68391-01-5	< 1

SECTION 4: FIRST AID MEASURES

First-aid measures after inhalation: Move to fresh air. If breathing is difficult give oxygen. If symptoms persist, call a physician.

First-aid measures after skin contact: Immediately flush with plenty of water. Remove contact lenses and continue flushing with water for 15 minutes. Call a physician if irritation persists.

First-aid measures after ingestion: Do NOT induce vomiting. Rinse mouth. Call a poison control center or doctor immediately for treatment advice. Never give anything by mouth to an unconscious person.

First-aid measures after skin contact: Take off contaminated clothing. Rinse skin with plenty of water for 15 minutes. Call a poison control center or doctor for treatment advice. .

Ingesting large amounts of this product may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

Note to Physicians: Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media: Water fog, foam, dry chemical powder. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: None known.

Specific Hazards from Chemical: Irritating and toxic gasses or fumes may be released during a fire. Use water spray to keep fire-exposed containers cool.

Protective Equipment for Firefighters Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

General measures: Immediately evacuate personnel to safe areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe vapors.

Methods for Containment: Keep unnecessary and unprotected personnel away. Shut off all ignition sources. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

Methods for Cleaning Up: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into container for later disposal. Do not flush into surface water or sanitary sewer system. Dispose of the waste material according to local, state and government requirements. Following product recovery, flush area with water.

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Protect material from direct sunlight. Do not breathe vapor. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Do not taste or swallow. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation or outdoors. Wash hands thoroughly after handling.
Storage conditions:	Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place with a temperature not lower than 50°F or higher than 120°F. Store out of direct sunlight, and away from incompatible materials.
Incompatible materials:	Incompatible with strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls:	Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower should be near workstation.
Eye/Face protection:	Tight sealing safety goggles, face protection shield.
Skin and body protection:	Wear protective gloves.
Respiratory protection:	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied respirators may be required for high airborne contaminant concentrations.
General hygiene considerations:	When using this product do not eat, drink, or smoke. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Appearance:	Clear
Color:	Clear
Odor:	Pleasant fragrance
Odor threshold:	No data available
pH:	11.5 – 12.5
Melting point/freezing point:	No data available
Boiling point/boiling range:	No data available
Flash point:	>201F
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Flammability Limit in Air:	No data available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	1.007 (8.38 lb/gal)
Water solubility:	Complete
Solubility in other solvents:	No data available

Partition coefficient:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal use, storage and transport conditions.
Possibility of hazardous reactions:	None under normal processing and storage.
Conditions to avoid:	Incompatible materials.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation:	Not likely, due to the form of the product.
Eye contact:	Contact with eyes may cause irritation.
Skin contact:	Contact may cause skin irritation.
Ingestion:	Harmful if swallowed.
Symptoms:	Causes irritation to the eyes including redness, tearing and blurred vision.
Carcinogenicity:	No components of this product have been identified as a carcinogen or potential carcinogen by ACGIH, OSHA, IARC or NTP.

SECTION 12: ECOLOGICAL INFORMATION

Persistence and degradability:	Readily biodegradable.
Bioaccumulative potential:	Does not accumulate or bio-magnify in the environment.
Other adverse effects:	No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal recommendations:	Disposal of this product, solutions and any by-products must comply with the requirements of the EPA and regional local authority requirements.
Contaminated packaging:	Disposal should be in accordance with the requirements of the EPA and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

Not regulated.

SECTION 15: REGULATORY INFORMATION

International Inventories	Listed Yes or No
TSCA United States Toxic Substances Control Act Section 8(b) Inventory	Yes
DSL Canadian Domestic Substances List	Yes
NDSL Non-Domestic Substances List	No
EINECS European Inventory of Existing Chemical Substances	Yes
ELINCS European List of Notified Chemical Substances	Yes
ENCS Japan Existing and New Chemical Substances	Yes
IECSC China Inventory of Existing Chemical Substances	Yes
KECL Korean Existing and Evaluated Chemical Substances	Yes
PICCS Philippines Inventory of Chemicals and Chemical Substances	Yes
New Zealand New Zealand Inventory	Yes

US Federal Regulations

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SARA 313	Not regulated
US State Regulations	No ingredients listed
California Proposition 65	No ingredients listed

SECTION 16: OTHER INFORMATION

Other information: None.

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