

Section 1 – Product & Company Identification

Product Name: **Take One Ready to Use Glass & Surface Disinfectant Cleaner**

Product Class: Quaternary Ammonium Compound

Product Use: Disinfectant/Cleaner

EPA Reg. Number: 10324-85-5747

Manufacturer: Arrow Chemical Products, Inc.
2067 Ste. Anne
Detroit, MI 48216
313-237-0277
Telephone
Numbers: 24 hr. Emergency Assistance: Infotrac 1-800-535-5053

Section 2 – Composition/Information on Ingredients

INGREDIENT	CAS #	WT. %
Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	0-5
Octyl decyl dimethyl ammonium chloride	32426-11-2	0-5
Dioctyl dimethyl ammonium chloride	5538-94-3	0-5
Didecyl dimethyl ammonium chloride	7173-51-5	0-5
Isopropyl Alcohol	67-63-0	0-5
Monoethanolamine	141-43-5	0-5

Section 3 – Hazards Identification

Emergency Overview: Clear Liquid. Fragrance Free. May be mildly irritating.

Potential Health Effects:

Skin: May be mildly irritating. Very large exposure may be harmful.
Eyes: May cause irritation.
Inhalation: Mists and vapors may be mildly irritating to the throat and respiratory tract.
Ingestion: Harmful if swallowed.
Chronic: None

Section 4 – First Aid Measures

Eyes: Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.
Skin/Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice if irritation occurs.
Inhalation: If symptoms are experienced, move victim to fresh air.
Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control or a doctor. Do not give anything by mouth to an unconscious person.
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Section 5 – Fire Fighting Measures

Flash Point: None when heated to 102°C – Cleveland Open Cup
Upper & Lower: Not determined.
Extinguishing Media: Any agent suitable for surrounding fire.
Fire Fighting Equipment & Instructions: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.
Hazardous Combustion Products: Irritating and toxic gases or fumes may be released during a fire.

Section 6 – Accidental Release Measures

Spill and Leak Procedures

Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate.

Spill Cleanup: Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers.

Large Spills: Dike far ahead of liquid spill for later disposal.

Section 7 – Handling & Storage

Handling Procedures: Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Storage Procedures: Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Personal Protective Equipment:

Eyes/Face: Wear safety glasses or chemical goggles.

Skin: Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.

Respiratory: Normally not required.

General: Eye wash fountain and emergency showers are recommended.

The following ingredients have established exposure guidelines:

INGREDIENT	EXPOSURE GUIDELINE	GUIDELINE VALUE
Isopropyl Alcohol 67-63-0	ACGIH TWA OSHA PEL NIOSH Pocket Guide	200 ppm TWA, 400 ppm STEL 400 ppm TWA 400 ppm TWA, 500 ppm STEL
Monoethanolamine 141-43-5	ACGIH TWA, NIOSH Pocket Guide	3 ppm TWA, 6 ppm STEL

All TWAs are for an 8-hour period and all STELs are for 15 minutes unless specifically noted as being for another time period.

Section 9 – Physical & Chemical Properties

Flash Point: None when heated to 102°C – Cleveland Open Cup

Specific Gravity: 0.999 (8.34 lbs/gal)

Percent Volatiles: Not determined.

VOC Content: Not determined.

Evaporation Rate: Not determined.

pH: 7.0 – 8.0

Appearance and Odor: Clear Liquid, Fragrance Free

Section 10 - Stability & Reactivity

Chemical Stability: Stable

Conditions to Avoid: Keep away from heat and strong oxidizing agents.

Incompatibilities:

Strong oxidizing agents, reducing agents.

Hazardous Decomposition:

Carbon monoxide, carbon dioxide and toxic hydrogen chloride vapors.

Hazardous Polymerization:

Will not occur.

Section 11 – Toxicological Information

Carcinogenicity: No Carcinogenicity data available for this product.

Acute Oral LD50: >5,000 mg/kg in rats.

Acute Dermal LD50: >2,000 mg/kg in rats.

Primary Skin: Not an irritant.

Primary Eye: Mildly irritating.

CHEMICAL INGREDIENTS LISTED AS POTENTIAL OR KNOWN CARCINOGENS

INGREDIENT	OSHA	NTP	IARC
No ingredients listed in this section.			

Section 12 – Ecological Information

Ecotoxicity: No data available for this product but considered toxic to fish.

Environmental Fate: This product is biodegradable.

Section 13 – Disposal Considerations

Disposal Instructions: This substance, when discarded or disposed of, is a characteristic hazardous waste according to Federal regulation (40 CFR 261) and is assigned the EPA Hazardous Waste Number of D001. The discarding or disposal of this material must be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations.

Section 14 – Transportation Information

DOT Hazard Class: Not regulated.

DOT Proper Shipping Name: Not applicable.

Section 15 – Regulatory Information

TSCA Status

While all ingredients are listed on the TSCA Chemical Inventory, this product is regulated as a pesticide under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and not subject to the TSCA Inventory rules for FIFRA uses.

Other Chemical Inventories

All components of this product are listed on the following inventories: Canada (DSL), European Union, China, Korean and Philippines. One or more ingredients are not listed on the following inventories: Australia and Japan.

CERCLA/SARA

SARA Title III, Sections 311/312 – This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in the 40 CFR 370: Classification of this product: Immediate, Fire

SARA Title 313 – This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

CHEMICAL NAME	CAS NO.	MAXIMUM CONCENTRATION	COMMENT
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No ingredients listed in this section.

Reportable Quantities/Threshold Planning Quantities: CERCLA requires notification of the National Response Center (Telephone 1-800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs). SARA 302/304 requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the Threshold Planning Quantities (TPQs) and/or release of Reportable Quantities.

CHEMICAL NAME	REPORTABLE QUANTITY (RQ)	THRESHOLD PLANNING QUANTITY (TPQ)
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No ingredients listed in this section.

State & Provincial Right to Know & Selected Regulatory Lists

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List

CHEMICAL NAME	STATE LIST
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Ethanol <200 ppm

AZ, CA, CAP65R, CT, ID, MA, MN, NJ, PA, RI

Benzyl Chloride (trace impurity < 10ppm)

AZ, CA, CAP65C, IL, MA, MN, NJ, PA

AZ – Arizona Ambient Air Quality Guidelines

IL – Illinois Toxic Air Contaminant – Carcinogenic

CT – Connecticut Hazardous Air Pollutants

MA – Massachusetts Right to Know List

CA – California Director's List of Hazardous Substances

MN – Minnesota Hazardous Substance List

CA65C – California Prop 65 Carcinogen

NJ – New Jersey Right to Know List

CA65R – California Prop 65 Reproductive Toxin

PA – Pennsylvania Right to Know List

FL – Florida Substances List

RI – Rhode Island Hazardous Substance List

ID – Idaho Non-carcinogen Toxic Air Pollutants

WHMIS Classification: Not a controlled product. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16 – Other Information

Hazard Ratings

Hazard Rating Scale:

4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

The seller makes no warranty expressed or implied concerning the accuracy of any results to be obtained from the use of any information and no warranty expressed or implied concerning the use of the products. The buyer assumes all risks of the use and/or handling.