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Version 1

Section 01: PRODUCT IDENTIFICATION**PRODUCT NAME:** LAUNDRY GUARD
SYNONYMS: None**CHEMICAL FAMILY:** Quaternary Ammonium Compounds
U.S. EPA #: 7048-15-150**Recommended use of the chemical and restrictions on use****Recommended Use** Laundry Sanitizer
Uses advised against No information available**Manufacturer Address**Anderson Chemical Company, 325 South Davis Avenue, Litchfield, MN 55355
(320-693-2477)**Emergency telephone number**

Chemtrec 1-800-424-9300

Section 02: HAZARDS IDENTIFICATION**Classification**Flammable liquids : Category 3
Acute toxicity (Dermal) : Category 4
Skin corrosion : Category 1B
Serious eye damage : Category 1**Label elements**Hazard pictograms :   

Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.**Precautionary Statements - Prevention**Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from heat/sparks/open flames/hot surfaces-----No Smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting /equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician

Specific treatment (see Section 4 on this label)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a POISON CENTER or doctor/physician

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up

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**

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

Section 03: COMPOSITION/ INFORMATION ON INGREDIENTS

	<u>Weight</u>	<u>CAS Number</u>
Octyl decyl dimethyl ammonium chloride	25.00%	32426-1-2
Diocetyl dimethyl ammonium chloride	10.00%	5538-94-3
Didecyl dimethyl ammonium chloride	15.00%	7173-51-5
Ethanol	10.00%	64-17-5

Section 04: FIRST AID MEASURES

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

INGESTION: Call 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

SYMPTOMS

INHALATION: Mists & vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, and drowsiness.

SKIN: May cause corrosive burns. Brief exposure may cause irritation and defatting of the skin.

EYES: Causes burns and may result in permanent injury to eyes, including blindness.

INGESTION: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Section 05: FIRE FIGHTING MEASURES

Autoignition Temp.:	N/D
Extinguishing media:	Dry chemical, water, foam, CO ₂
Special fire fighting procedures:	Cool fire exposed containers with spray, must wear MSHA/NIOSH approved, self-contained breathing apparatus.
Unusual fire & explosion hazard:	N/A

Section 06: ACCIDENTAL RELEASE MEASURES

Spill/leak procedure:	Isolate spill area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate. Ventilate closed spaces before entering. Remove all sources of ignition and ground all equipment before use. Floor may become slippery. Wear appropriate protective gear and respiratory protection where mist or vapors of unknown concentration may be generated. Dike and contain spill with inert material (sand, earth, ...) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.
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Section 07: HANDLING & STORAGE

Handling:	Avoid contact with eyes. Avoid breathing vapors or mist of this product. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Storage:	Do not store on side. Avoid creasing or impacting of side walls. Keep from freezing and away from high heat, flames or other ignition sources. Do not contaminate water, food or feed by storage or disposal. PESTICIDE STORAGE: Open dumping is prohibited. Store in original container in areas inaccessible to children.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection:	None required if good ventilation is maintained. For mist or vapor, wear NIOSH approved respirator.
Eye protection:	Splash proof safety goggles.
Gloves:	Rubber or neoprene.
Protective clothing:	Impervious apron, faceshield.
Other precautions:	Eye wash station; safety shower; protective clothing to prevent skin contact.

Section 09: PHYSICAL & CHEMICAL PROPERTIES

Boiling Point:	N/D
pH (10% Solution):	7 – 9
Vapor Pressure:	N/D
Flash Point: (AB C.C.):	128°F
Vapor Density (air=1):	Heavier than air
% volatile by weight:	1.5%
Specific Gravity (H₂O=1):	0.931 (7.73 lbs/gal)
Molecular Weight:	N/D
Solubility in Water:	Soluble
Evaporation rate:	N/D
Appearance:	Colorless to light straw in color
Odor:	Ethanollic

Section 10: REACTIVITY DATA

Product stability:	Stable
Conditions to avoid:	N/A
Chemical incompatibility:	Strong oxidizers or reducing agents
Hazardous decomposition products:	Toxic hydrogen chloride fumes, oxides of carbon and nitrogen.
Hazardous polymerization:	Will not occur
Corrosive to metal?:	YES
Oxidizer?:	NO

Section 11: TOXICOLOGICAL INFORMATION

Acute oral LD₅₀:	5,000 mg/Kg (calculation method)
Acute dermal LD₅₀:	1,407 mg/Kg (Rabbit)
Primary skin:	CORROSIVE
Primary eye:	CORROSIVE
Other:	This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Section 12: ECOLOGICAL INFORMATION

Toxicity data:	Components of this product are hazardous to aquatic life. This is an EPA registered pesticide. This material can only be used for the EPA registered application noted on the product label.
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Section 13: DISPOSAL CONSIDERATIONS

Although not considered a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations of 40 CRR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Plastic Containers: Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed,

Section 14: TRANSPORT INFORMATION

DOT shipping name: Disinfectant, Liquid, Corrosive NOS (Quaternary Ammonium Compound), 8, UN1903, PG II.
DOT hazard class: Corrosive 8
UN number: UN1903
ERG guide: ERG 153

Section 15: REGULATORY INFORMATION

WHMIS Classification: B3, D1B, E

CPR Compliance: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

TSCA: This product is considered a pesticide, and therefore excluded from the United States TSCA regulations.

US Federal Regulations

SARA 311/312 Hazards

Serious eye damage or irritation
 Skin corrosion or irritation
 Flammable Liquids
 Acute Toxicity (Dermal)

US State Regulations

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

U.S. EPA Label Information

EPA Pesticide Registration Number 7048-15-150

EPA Statement

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.

Following is the hazard information as required on the pesticide label: ENVIRONMENTAL HAZARDS This product is toxic to fish.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if swallowed or inhaled. Harmful if absorbed through the skin. Do not breathe vapor. Wear protective eyewear (goggles, face shield, or safety glasses). Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N1, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N1, R, or P filter; OR a NIOSH-approved powered air purifying respirator with a HE filter. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear protective clothing and protective gloves (rubber or chemical resistant

Section 16: OTHER INFORMATION

NEPA	Health hazards 2	Flammability 0	Instability 1	Physical and Chemical Properties -
HMS	Health hazards 2	Flammability 0	Physical hazards 1	Personal protection X

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Revision Note	

No information available

Disclaimer

The information provided in this Material 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