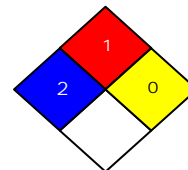


SAFETY DATA SHEET

For Chemical Emergency Spill, Leak, Fire Exposure or Accident
Call INFOTRAC Day or Night
North America: 800-535-5053 International (collect calls accepted): 1-352-323-3500

**Section 1 – Product And Company Information**

Supplier's Name: ChemTron
Supplier's Address: 3911 SW 47TH AVE, # 914, DAVIE, FL, 33314, USA
Product Name: SANI 101
Product Number: CT - 149

DOT Proper Shipping/ Hazard Name (49 CFR 172.101): Disinfectants Liquid Corrosive,
NOS (Quaternary Ammonium Compound)
DOT ID # (49 CFR 172.101): UN: 1903
DOT Hazard Class (49 CFR 172.101): 8

FLAMMABILITY (Red): NFPA: 0 HMIS: 0
HEALTH (Blue): NFPA: 3 HMIS: 3
REACTIVITY (Yellow): NFPA: 0 HMIS: 0
Personal Protection (HMIS)= D

Section 2 – Health Hazard Identification

This product is considered non hazardous according to OSHA's Hazard Communication and international GHS standards and this certification was prepared using Regulations 1907/2006 and 1272/2008.

Classification of the substance or mixture.

Skin Corr/Irritation. 1 - Eye irritation. 1
STOT. SE. Respiratory tract irritation. 3
Acute toxicity, oral. 5

Label elements**GHS label elements**

The substance is classified and labeled according to the Globally Harmonized System (GHS).

**Hazard pictograms****Signal word: WARNING!****Hazard-determining components of labeling:**

Alkyl dimethyl benzyl ammonium chloride (C12-18); Alkyl dimethyl ethyl benzyl ammonium chloride (C12-18).

Hazard statements

H303 May be harmful if swallowed.
H316 Causes mild skin irritation.
H320 Causes eye irritation.
H335 May cause respiratory irritation.
H401 Toxic to aquatic life.

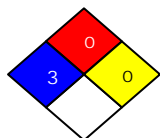
Precautionary statements

P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P330 Rinse mouth.
P337+P313 If eye irritation persists get medical advice/attention.
P403+P233 Store in a well ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:**HMIS Ratings (scale 0—4)**

HEALTH	3
FIRE	0
REACTIVITY	0

Health: 3
Fire: 0
Reactivity: 0

NFPA Ratings (scale 0—4)

Health hazard: 3
Fire: 0
Reactivity Hazard: 0
Special hazard.: -

Section 3– Components

Component	CAS#	%	ACGIH(TLV-TWA)	OSHA (TWA)
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	5 %	NE	NE
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-18)	68956-79-6	5 %	NE	NE

Section 4 - First Aid Measures

If On Skin: Causes Corrosive burns; Thoroughly wash exposed area with soap and water remove contaminated clothing and launder before reuse. If irritation is present, get medical attention.

If In Eyes: Causes severe burns to eyes and may result in permanent damage. Flush with large amounts of water for 15 minutes, lifting upper and lower lids occasionally. Seek medical attention immediately.

If Inhaled: Mist and vapors can irritate throat and respiratory track, and affect nervous system. If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. Keep person warm and quiet, and get immediate medical attention.

If Swallowed: Harmful if swallowed. Do not induce vomiting. Have person sip a glass of water if able to swallow. Probable mucosal damage may contraindicate the use of gastric lavage. Keep person warm, quiet and seek immediate medical attention.

Section 5 – Fire Fighting Measures

Flash Point: > 212 °F

Flammable Limits in Air: Upper: ND Lower: ND

Extinguishing Media: Regular foam, carbon dioxide, dry chemical, for surrounding fire.

Hazardous Decomposition Products: May form Carbon Oxides, nitrogen oxides and corrosive vapors.

Firefighting Procedures: Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.

Special Fire and Explosion Hazards: None

Section 6 - Accidental Release Measures

Personal Precautions:

For personal protection see section 8. Persons not wearing protective equipment should be excluded from the area of the spill until cleanup has been completed.

Environmental Precautions:

Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs notify authorities as required.

Methods for Cleaning Up Spills:

Small Spill: Pick up with spoon or spatula and dispose as directed by local regulatory norms.

Large Spill: Stop spill at source. Isolate and recover spilled product with an absorbent material. Transfer spilled product to clean containers for recovery. Pick up unrecoverable product with spatula and dispose according to local laws.

Section 7 – Storage & Handling

KEEP OUT OF REACH OF CHILDREN

For industrial and institutional use only. Store in a cool, dry, well - ventilated area. Keep closed and locked up. Do not store at temperatures in excess of 120°F for prolonged periods. Always store in original container. Keep container tightly closed. Follow all label instructions and precautions.

Section 8 - Exposure Control / Personal Protection

Respiratory Protection: If workplace exposure limits product or any component is exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure types) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical ventilation to maintain exposure below TLV.

Protective Gloves: Rubber, neoprene or other resistant elastomer.

Eye Protection: Chemical splash resistant goggles

Other Protective Clothing & Equipment: Rubber aprons and boots when working with large quantities.



Section 9-Physical And Chemical Properties

Appearance: Clear white liquid of low viscosity.

Color: Transparent white.

Odor: Odorless.

Physical State: liquid

pH: 7-9

Melting Point: ND

Boiling Point: 212 °F

Flash Point: > 212 °F

Evaporation Rate (Butyl acetate =1): ND

Flammable Limits: ND

Vapor Pressure: NA

Specific Gravity (H₂O=1): 1.00-1.02 gr/cc

Penetration: NAP

Vapor Density: Heavier than air

Auto ignition Temperature: ND

Solubility in Water: Total

Total VOC: ND

% Volatile: 85%

Section 10 – Stability And Reactivity Information

Stability: Stable

Incompatibility (Materials to Avoid): Strong Oxidizing agents. Acids.

Hazardous Polymerization: Will not occur

Conditions To Avoid: Exposure to heat and flame.

Section 11 - Toxicological Information

Oral Toxicity: LD50 > 2500 mg/Kg (Rat); do not taste or swallow
Inhalation Toxicity: No data; Avoid breathing vapors or mist.
Dermal Toxicity: LD50 > 2000 mg/Kg (Rabbit); avoid skin contact
Irritancy of Product: This product is irritating to the skin, eyes, respiratory, and digestive tract.

Section 12 - Ecological Information

Toxicity: This product is considered toxic to aquatic organisms
Persistence and Degradability: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Bio-accumulative Potential: Not expected to bio-accumulate.
Other Adverse Effects: The products of degradation are less toxic than the product itself.

Section 13 - Disposal Considerations

Waste Disposal Method:
Disposal should be made in accordance with federal, state, and local regulations for disinfectants and pesticides. (See 40 CFR 262 to 268).

Section 14 - Transport Information

The listed transportation classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptions.

Road—DOT (ground)

Proper Shipping Name: Disinfectants Liquid Corrosive, NOS (Quaternary Ammonium Compound)
Hazard class: 8
UN Number: 1903
Packaging Group: III
Label/Placard: Corrosive Liquid

Sea—IMDG (sea)

Proper Shipping Name: Disinfectants Liquid Corrosive, NOS (Quaternary Ammonium Compound)
Hazard class: 8
UN Number: 1903
Packaging Group: III
Label/Placard: Corrosive Liquid

Air—IATA (air)

Proper Shipping Name: Disinfectants Liquid Corrosive, NOS (Quaternary Ammonium Compound)
Hazard class: 8
UN Number: 1903
Packaging Group: III
Label/Placard: Corrosive Liquid

Section 15 - Regulatory Information

CERCLA: This product contains no CERCLA listed chemicals.
SARA TITLE III SECTION 313: This product contains no substances subject to the reporting requirements of Section 313 of the SARA of 1986.

FLAMMABILITY (Red): NFPA: 0 HMIS: 0
HEALTH (Blue): NFPA: 3 HMIS: 3
REACTIVITY (Yellow): NFPA: 0 HMIS: 0
Personal Protection (HMIS)= D

Section 16 – Special Precautions Or Other Comments

Wash hands with soap and water after use. Avoid contact with open wounds. CORROSIVE LIQUID, avoid eye, and skin contact. Harmful if swallowed; Avoid breathing mist and vapors. Although information contained herein is believed to be correct as of the date of this document, ChemTron makes no representation as to the completeness or accuracy of such information. ChemTron shall in no event be responsible for any damages directly or indirectly from use of or reliance on this information. This information is provided solely to assist the customer with the Occupational Safety and Health Act of 1970 and The Right to Know regulations. Any other use is prohibited.

Prepared by: E. Malaguti
Email: emalaguti@chemtron.com

Legend:

NE: Not Evaluated
ND: Not Determined
NA: Not Available
NAP: Not Applicable
NR: Not Regulated