



SAFETY DATA SHEET (SDS)

Material Trade Name: Surface and Air Sanitizer (SAS 63A)

Date Revised: March 27, 2020

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1. SUBSTANCE IDENTIFICATION

- 1.1. Material / Trade Name** Surface and Air Sanitizer (SAS 63A)
- 1.2. Type** Aqueous Solution
- 1.3. Application** Broad-spectrum Antimicrobial Agent
- 1.4. Company** International Chem-Crete Inc.
Address 800 Security Row
Richardson, TX, USA
Telephone (+1) 972 671 6477
Fax (+1) 972 238 0307
E-mail contactus@chem-crete.com
Web Site www.chem-crete.com
- 1.5. Emergency Contacts** CHEMTREC (800) 424 9300 OR +1 (703)527 3887

2. HAZARDOUS IDENTIFICATION

Not classified as hazardous under OSHA 29CFR 1910.1200
Not classified as hazardous under CHIP regulations 2002 as amended
Not classified as hazardous according to EC/2001/58, EEC/67/548

2.1. CLASSIFICATION OF THE MIXTURE

2.1.1. Classification in Accordance with GHS (5th Edition)

Flammable Liquid, 3	H226	Flammable Liquid and Vapor
Acute Toxicity, Oral 4	H302	Harmful if swallowed
Skin Irritation 2	H315	Causes Skin Irritation
Serious Eye Irritation 2B	H320	Causes Eye Irritation

2.2. LABEL ELEMENT: In Accordance with GHS (5th Edition)



2.3. GHS Signal Word: DANGER: FLAMMABLE LIQUID. WARNING

2.4. HAZARD STATEMENTS

H226	Flammable Vapor
H302	Harmful if swallowed
H315	Causes Skin Irritation
H320	Causes Eye Irritation

2.5. PRECAUTIONARY STATEMENTS

P102	Keep Out of Reach of Children
P202	Don't handle until all safety precautions have been read and understood
P210	Keep away from heat, hot surfaces, open flames, sparks, no smoking.
P233	Keep container tightly closed
P262	Don't Get in Eyes & Minimize Skin Contact
P264	Wash Thoroughly After Handling
P270	Don't Eat, Drink or Smoke When Using This Product
P280	Wear Protective Gloves / Protective Clothing / Eye Protection / Face Protection

2.6. RESPONSIVE PRECAUTIONARY STATEMENTS

P301	If Swallowed: Call a Poison Center or doctor/Physician if You Feel Unwell, Wash Mouth
P302	
P305 + P351 + P338	If in Eyes: Rinse with Water for Several Minutes. Remove Contact Lenses, if present and Easy to Do So. Continue Rinsing



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3. COMPOSITION

Substance(s)	CAS No.	EC No.	% wt.	Classification (67/548/EEC)
Water	7732-18-5	231-791-2	≥ 27 %	
Isopropanol	67-63-0	200-661-7	≥ 63%	Xi;R36, R66, R67
Trade Secret	Proprietary		≥ 10%	

4. FIRST AID MEASURES

Inhalation:	In case of excessive inhalation, remove to fresh air and rest If recovery is not rapid obtain prompt medical attention
Eyes:	Irrigate with water Take care not to wash chemical from one eye to another If irritation persists, consult a doctor
Skin:	Remove contaminated clothing Wash with water If irritation persists, obtain medical attention
Ingestion:	Do not induce vomiting Give plenty of water to drink Beware of aspiration if vomiting occurs If feeling unwell, seek medical attention immediately

5. FIRE-FIGHTING MEASURES

Suitable Extinguisher:	Not Combustible – Use Foam, dry powder, carbon dioxide, water spray, or inert material to extinguish other materials involved.
Unsuitable Extinguisher:	None
Hazardous Decomposition:	If Involved in a fire, it may decompose to produce harmful fumes
Special Procedures:	Do not breath decomposition products and fumes Use approved self-contained breathing apparatus and fire-retardant clothing. Large fire should only be tackled by trained personnel.

6. ACCIDENTAL RELEASE MEASURES

Exposure Controls:	Do not allow spill to enter drains and watercourses Clean up as part of good housekeeping practices
Personal Protection:	Wear nitrile or PVC gloves and use eye protection such as goggles to BS EN 166 chemical grade if contact is likely
Disposal Consideration:	Absorb in an industrial spillage absorbent Scoop up and place in container to wait transfer Dispose of in accordance with local authority regulations

7. HANDLING AND STORAGE

Handling:	Minimize skin and avoid eyes contact Ensure adequate ventilation Use local adequate ventilation Use local extraction equipment where possible Wear Suitable protective clothing (see section 8)
Storage:	Store at ambient temperature, prevent from freezing.

8. EXPOSURE CONTROLS

Occupational Exposure Limit:	999 mg/m ³ 8hrTWA 1250 mg/m ³ 15 minSTEL WEI Propan-2-ol Wear impervious gloves Wear suitable overalls or clothing change if contaminated Wear suitable eye protection such as BSEN 166 splash likely Use in Well Ventilated areas Use mechanical ventilation if possible
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid Light Blue
Odor	: Alcohol
pH:	: 9.86
Flash Point, °F (°C), ASTM D93-11	: 66 (18.89)
Flammability	: Flammable
Auto flammability, °F (°C)	: 689 (365)
Relative Density (S.G.)	: 0.87-0.92
Solubility	: Miscible in water

10. STABILITY AND REACTIVITY

Stable at normal temperatures.
No hazardous decomposition products when stored and handled correctly

11. TOXICOLOGICAL INFORMATION

Routes of exposure: inhalation, skin absorption and ingestion
Acute effects from ingestion: nausea, vomiting and stomach pain
Repeated skin contact may cause dermatitis or allergic reaction in sensitive individuals.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not harmful to aquatic life
Persistence:	Readily biodegradable in the environment
Bioaccumulative potential:	low
Mobility:	Volatile liquid miscible in water

13. DISPOSAL CONSIDERATION

Waste from Residue/Unused products	Can be land filled in compliance with local regulations. Incineration should only be undertaken by licensed contractors. Where possible, recycling should be preferred to disposal
Packaging:	Packages can be recycled or disposed along with normal building waste by an authorized waste contractor.

14. TRANSPORTATION INFORMATION

DOT (U.S.A)

Identification Number:	UN 1993
Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S (CONTAINS ALCOHOL)
Hazard Class:	3
Packing Group:	II
ERG No.	128
Label Code:	3, FLAMMABLE

IMDG/IMO

Identification Number:	UN 1993
Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S (CONTAINS ALCOHOL)
Hazard Class:	3
Packing Group:	II
EmS:	F-E, S-E
Label Code:	3

ICAO/IATA

Identification Number:	UN 1993
Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S (CONTAINS ALCOHOL)
Hazard Class:	3
Packing Group:	II
Hazard Label:	FLAMMABLE LIQUID



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ADR/RID

Identification Number: UN 1993
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S (CONTAINS ALCOHOL)
ADR Class: 3
Classification Code: F1
Packing Group: III
Hazard Identification Number: 33
Cefic Tremcard No. 30GF1-III
Label Code: 3

15. REGULATORY INFORMATION

Risk and Safety: R45,R65 (Harmful if swallowed. May affect kidneys. Flammable vapor)
S24/25 (avoid contact with eyes, minimize contact with skin)
Keep out of reach of children.

Other Regulations: OSHA Hazard Communication Standards 29 CFR 1910.1200
EC safety Data Sheet Directive EC/91/55
Health and Safety at Work UK Act 1974
Control of Substances Hazardous to Health Regulation 2004 as amended
Environmental Protection Act 1990

HIMS RATING

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
PROTECTIVE EQUIP	B
*chronic	

16. OTHER INFORMATION

The information in this safety data sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management for people working with or handling these products. This information is believed to be reliable and updated at revision date, and represents the best information currently available and known by International Chem-Crete Inc. (ICC). However, ICC makes no guarantee or warranty, express or implied, with respect to such information and assumes no liability from its use. This information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.