



**Safety Data Sheet**  
acc. to *SOR/2015-17* and *OSHA 29 CFR Parts 1910, 1915,*  
*1926*

**1 Identification**

- **Product identifier**
  - **Trade name:** **SANI-STUFF**
  - **Article number:** 2036278001
  - **Recommended use:**  
Sanitizer  
Disinfectant hard surfaces
  - **Restrictions on use:**  
All other uses than those indicated on the product label and technical data sheet.
- **Details of the supplier of the safety data sheet:**
  - **Manufacturer:**  
Avmor LTD  
950, Michelin  
Laval, QC,  
Canada  
H7L 5C1  
1-800-387-8074  
www.avmor.com
  - **Client Identification Number:** 119100
  - **Emergency telephone number:** CANUTEC 1-613-996-6666

**2 Hazard(s) identification**

- **Classification of the product:**  
This product is registered as a drug. It is not regulated under the Hazardous Products Act (R.S.C., 1985, ch. H-3).



GHS05

Skin Corr. 1C H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

Eye Dam. 1 H318 CAUSES SERIOUS EYE DAMAGE.

(Contd. on page 2)

CA



**Safety Data Sheet**  
acc. to *SOR/2015-17* and *OSHA 29 CFR Parts 1910, 1915, 1926*

Trade name: **SANI-STUFF**

(Contd. of page 1)

· **Label elements:**

· **Hazard pictograms:**



GHS05

· **Signal word:** Danger

· **Hazard statements:**

H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

· **Precautionary statements:**

P260 Do not breathe dust, fume, gas, mist, vapors or spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves and eye or face protection.

P303+P361+P353 IF ON SKIN OR HAIR: Remove or take off immediately all contaminated clothing. Rinse skin with water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P310 Immediately call a POISON CENTER or a doctor.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local, regional and national regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4):**



Health = 2

Fire = 0

Reactivity = 0

· **Hazard not otherwise classified:** None

· **Notes:** For the wording of the listed abbreviations refer to section 16.

CA

(Contd. on page 3)



**Safety Data Sheet**  
acc. to *SOR/2015-17* and *OSHA 29 CFR Parts 1910, 1915, 1926*

Trade name: **SANI-STUFF**

(Contd. of page 2)

**3 Composition/information on ingredients**

· **Dangerous components:**

CAS	Component	(% w/w)
68391-01-5	Benzyl C12-18 Alkyldimethyl Ammonium Chloride Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302	2.5-<10%
85409-23-0	Alkyl(68%C12, 32%C14) Dimethyl Ethyl Benzyl Ammonium Chloride Skin Corr. 1C, H314; Eye Dam. 1, H318; Acute Tox. 4, H302	2.5-<10%
64-17-5	Ethanol Flam. Liq. 2, H225; Eye Irrit. 2A, H319; STOT SE 3, H336	0.1-≤2.5%

**4 First-aid measures**

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**  
In case of unconsciousness place patient stably in side position for transportation. Get medical attention.
- **After skin contact:**  
Remove immediately all contaminated clothing. Rinse skin with water or shower for at least 15 minutes. Consult a doctor if skin redness and irritation persist.  
Immediately rinse with water.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. Remove contact lenses, if present and easy to do so. Continue rinsing for a minimum of 15 to 60 minutes. Then consult a doctor.
- **After ingestion:**  
Drink copious amounts of water and provide fresh air. Immediately call a doctor. Do not induce vomiting.
- **Information for doctor:**
  - **Most important symptoms and effects, both acute and delayed:**  
Contact can cause pain, redness, burns, and even blistering. Burns may not be immediately painful; onset of pain may be delayed minutes to hours. Permanent damage, including blindness, can result after prolonged contact with eyes.

CA

(Contd. on page 4)



**Safety Data Sheet**  
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,  
1926*

Trade name: **SANI-STUFF**

(Contd. of page 3)

### **5 Fire-fighting measures**

- **Suitable extinguishing media:**
- **Suitable extinguishing media:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Specific hazards arising from the product:**  
In case of accidental fire and extreme heat conditions, the following gaseous products can be released after water evaporation: hydrocarbons, carbon monoxides and dioxides (CO<sub>x</sub>) and nitrogen oxides (NO<sub>x</sub>).
- **Advice for firefighters:**
  - **Special protective equipment and precautions for fire-fighters:** No special measures required.
- **Additional information:**  
This product is not flammable.  
See -Section 9- for the flammability characteristics of this product.

### **6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures:**  
Wear recommended protective equipment(s). Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers, surface or ground water.
- **Methods and material for containment and cleaning up:**  
Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.

### **7 Handling and storage**

- **Handling:**
  - **Precautions for safe handling:** Ensure good ventilation at the workplace.
- **Conditions for safe storage, including any incompatibilities:**
  - **Requirements to be met by storerooms and receptacles:** No special requirements.
  - **Information about storage in one common storage facility:** Not required.
  - **Conditions for safe storage, including any incompatibilities:**  
Protect from heat and direct sunlight.  
Store under lock and key and out of the reach of children.
- **Specific end use(s):** No further relevant information available.

CA  
(Contd. on page 5)



**Safety Data Sheet**  
acc. to *SOR/2015-17* and *OSHA 29 CFR Parts 1910, 1915, 1926*

Trade name: **SANI-STUFF**

(Contd. of page 4)

**8 Exposure controls/personal protection**

- **Appropriate engineering controls:** No further data; see item 7.
- **Control parameters:**

· <b>Components with limit values that require monitoring at the workplace:</b>	
<b>64-17-5 Ethanol</b>	
EL (Canada)	Short-term value: 1000 ppm
EV (Canada)	Long-term value: 1,900 mg/m <sup>3</sup> , 1,000 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls:**
- **Personal protective equipment:**



Safety goggles



Protective gloves

- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.

- **Breathing equipment:** Not required.

- **Protection of hands:**

Protective gloves.  
Check protective gloves prior to each use for their proper condition.  
The glove material has to be impermeable and resistant to the product.

- **Eye protection:** Safety goggles.

- **Body protection:**

Protective work clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. (recommended)

CA

(Contd. on page 6)



**Safety Data Sheet**  
acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,  
1926

Trade name: **SANI-STUFF**

(Contd. of page 5)

### 9 Physical and chemical properties

· **Information on basic physical and chemical properties:**

· **General Information:**

· **Appearance:**

· **Form:** Liquid

· **Colour:** Red

· **Odour:** Quaternary

· **Odor threshold:** Not determined.

· **pH-value at 25 °C:** 6.5 - 8.5

· **Change in condition:**

· **Melting point/Melting range:** Undetermined.

· **Boiling point/Boiling range:** 78 °C

· **Flash point:** Not determined.

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 470 °C

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

· **Lower:** Not determined.

· **Upper:** Not determined.

· **Vapour pressure at 20 °C:** 23 hPa  
Not determined.

· **Density at 25 °C:** 0.985 - 1.005 g/cm<sup>3</sup>

· **Relative density** Not determined.

· **Vapour density (air=1):** <1 (aqueous solution)

· **Evaporation rate:** Not determined.

· **Solubility in / Miscibility with:**

· **Water:** Fully miscible

· **Partition coefficient (n-octanol/water):** Not determined.

(Contd. on page 7)

CA



**Safety Data Sheet**  
 acc. to *SOR/2015-17* and *OSHA 29 CFR Parts 1910, 1915, 1926*

Trade name: **SANI-STUFF**

(Contd. of page 6)

- |                            |                 |
|----------------------------|-----------------|
| · <b>Viscosity:</b>        |                 |
| · <b>Dynamic:</b>          | Not determined. |
| · <b>Solvent content:</b>  |                 |
| · <b>Organic solvents:</b> | 1.2 %           |

**10 Stability and reactivity**

- **Reactivity:** Not determined.
- **Chemical stability:**
  - **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Avoid freezing and extreme heat conditions.
- **Incompatible materials:** This product may react with strong oxidizing agents.
- **Hazardous decomposition products:**  
In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

**11 Toxicological information**

- **Information on the likely routes of exposure:** Skin and eyes contact
- **Acute toxicity:**
  - **Numerical mesures of toxicity:**

· Components Mean of exposure	Type	Value (Species)
<b>ATE (Acute Toxicity Estimates)</b>		
Oral	LD50	5520 mg/kg
<b>68391-01-5 Benzyl C12-18 Alkyldimethyl Ammonium Chloride</b>		
Oral	LD50	650 mg/kg (Rat)
<b>64-17-5 Ethanol</b>		
Oral	LD50	7060 mg/kg (Rat)
Inhalative	LC50 (4 h)	20000 mg/L (Rat)

(Contd. on page 8)



**Safety Data Sheet**  
acc. to *SOR/2015-17* and *OSHA 29 CFR Parts 1910, 1915, 1926*

Trade name: **SANI-STUFF**

(Contd. of page 7)

· **Symptomes related to the physical, chemical and toxiological characteristics:**

· **If on the skin:**

CORROSIVE: Strong caustic effect on skin and mucous membranes.

Irritant to skin and mucous membranes.

· **If on the eye:**

CORROSIVE: Strong caustic effect.

Strong irritant with the danger of severe eye injury.

· **After ingestion:** May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.

· **Sensitization:** No sensitizing effects known.

· **Delayed and immediate effects, and chronic effects from short-term and long-term exposure:**

Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

· **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer)**

64-17-5 Ethanol

1

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

**12 Ecological information**

· **Persistence and degradability:** No relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential:** No further relevant information available.

· **Mobility in soil:** No further relevant information available.

· **Ecotoxicity:** No relevant information available

· **General notes:**

Germany: Water hazard class 3 (Self-assessment): extremely hazardous for water.

Germany: Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Germany: Danger to drinking water if even extremely small quantities leak into the ground.

CA

(Contd. on page 9)





**Safety Data Sheet**  
acc. to *SOR/2015-17* and *OSHA 29 CFR Parts 1910, 1915, 1926*

Trade name: **SANI-STUFF**

(Contd. of page 8)

**13 Disposal considerations**

- **Waste treatment methods:**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system unless significantly diluted or neutralized.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water.

**14 Transport information**

· DOT, IMDG, IATA	UN1760
· UN proper shipping name · DOT	Corrosive liquids, n.o.s. (Alkyl(68%C12, 32%C14) Dimethyl Ethyl Benzyl Ammonium Chloride, Benzyl C12-18 Alkyldimethyl Ammonium Chloride)
· Transport hazard class(es) · Class	8 Corrosive substances
· Packing group · DOT	III
· Environmental hazards:	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**

· <b>Chemicals known to cause cancer:</b>
None of the ingredients is listed.
· <b>Chemicals known to cause reproductive toxicity for females:</b>
None of the ingredients is listed.

(Contd. on page 10)



**Safety Data Sheet**  
acc. to *SOR/2015-17* and *OSHA 29 CFR Parts 1910, 1915, 1926*

Trade name: **SANI-STUFF**

(Contd. of page 9)

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

64-17-5 Ethanol

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

64-17-5 Ethanol

A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of creation/last revision:** 02/23/2016

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Skin Corr. 1C: Skin corrosion/irritation, Hazard Category 1C

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3