



BACTO BAN SANITIZER SAFETY DATA SHEET

1. IDENTIFICATION

Product Name Bacto Ban Sanitizer
 Product Code 11-054, 11-055,11-058
 Recommended Use Hard Surface Cleaner and Disinfectant
 Manufacturer Nano Liquid: 2244 Faraday Ave, Suite 148, Carlsbad, CA 92008 - (760) 444-6070
 Emergency Phone Number (760) 444-6070

2. HAZARD IDENTIFICATION

Classification of Substance Mixture

Signal Word Warning
 Hazard Statements Harmful if Swallowed, Causes Skin Irritation.
 Exposure Routes Inhalation, Skin contact, Eye Contact, Ingestion.
 Eyes May cause mild eye irritation. Symptoms include stinging, tearing, and redness.
 Skin Causes skin irritation. Prolonged or repeated contact will dry the skin. Symptoms may include redness, burning, drying and cracking of skin.
 Ingestion Harmful if Swallowed. Can cause gastrointestinal irritation, nausea, vomiting & diarrhea. Aspiration of material into lungs may cause chemical pneumonitis.
 Inhalation Excessive inhalation of vapors can cause nasal and respiratory irritation.
 Label Elements No special label requirements.
 Precautionary Statements Keep out of the reach of children. Wear protective gloves and eye protection.
 Storage/Disposal Dispose of according to local, regional and/or national regulations.
 Other Hazard None

Other Information

HMS	
Health Hazard	1 - Slight
Flammability Hazard	0 - Minimal
Reactivity Hazard	0 - Minimal
Personal Protection	n + p

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS	CAS	%	PEL
Sodium Metasilicate	6834-92-0	1-5	2mg/m ³
Disinfectant	85409-23-0	1-5	PEL/TLV: None Established
Disinfectant	68391-01-5	1-5	PEL/TLV: None Established

4. FIRST AID MEASURES

Description Of First Aid Measures

Inhalation Move Victim to fresh air and keep comfortable for breathing. Administer oxygen if breathing is difficult. Get medical attention if you feel unwell.
 Skin Rinse with water. Remove contaminated clothing and wash before re-use.
 Eye Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention.
 Ingestion Do not Induce vomiting. If conscious, give two glasses of milk or water. Get medical attention.

Most important systems and effects, both acute and delayed

Note Product may dry skin and irritate mucous membranes with frequent and prolonged use.

Indication of any immediate medical attention and special treatment needed

Note to Physician All treatments should be based on observed signs and symptoms of distress in the patient.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media CO₂, dry chemical, foam, water fog, water spray.
 Unsuitable Extinguishing Media None

Special Hazards Arising From The Substance Or Mixture

Unusual Fire and Explosion Hazards None
 Hazardous Combustion Products Combustion may produce Carbon Monoxide, CO₂ and potentially irritating fumes.
 Advice for firefighters Wear approved SCBA with full facepiece operated in positive pressure demand mode. Hazardous Polymerization is not expected to occur. Avoid contact with strong oxidizing agents and strong acids.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures

Personal Precautions For large spills (500 gallons or more) wear appropriate protective equipment including rubber boots, gloves, goggles and apron.

(SECTION 6 CONTINUED NEXT PAGE)





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6. ACCIDENTAL RELEASE MEASURES - (CONTINUED)

Emergency Procedures Isolate spill or leak to prevent entering storm drains.
Environmental Precautions Avoid run off to waterways and storm drains.

Methods And Materials For Containment And Clean Up

Containment / Clean up Measures Stop leak if you can do it without risk. Dike ahead of liquid spill to prevent entering storm drains.
Absorb and transfer to containers.

7. HANDLING AND STORAGE

Precautions For Safe Handling

Handling Product is slippery. If product is spilled onto floor, clean area to prevent slipping.

Conditions For Safe Storage, Including Any Incompatibilities

Storage Store in a cool, dry place.
Incompatible Materials or Ignition Sources Keep away from oxidizers and strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

Engineering Measures / Controls None needed when used as directed.
Personal Protective Equipment Safety goggles and protective gloves.
General Industrial Hygiene Considerations None needed when used as directed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Physical and Chemical Properties

Physical Form Liquid	Appearance Thin, soapy liquid
Color Clear	Odor Citrus
Taste Data Lacking	Particulate Type N/A
Particulate Size N/A	Aerosol Type N/A

General Properties

Boiling Pt 212° F	Melting Point > 200° F
pH 10-11	SG / Density 1.01-1.03
Water Solubility 100%	VOC 0-0 grams / Liter

10. STABILITY AND REACTIVITY

Reactivity No dangerous reaction know under conditions of normal use.
Chemical stability Stable under normal temperatures and pressures.
Possibility of hazardous reactions Hazardous polymerization is not expected to occur.
Conditions to Avoid High temperatures, freezing temperatures.
Hazardous Decomposition Combustion may produce Carbon Monoxide, CO₂ and potentially irritating fumes.

11. TOXICOLOGICAL INFORMATION

Attribute Unknown
Component Information See Section 3

Specific Effects

Carcinogenic Effects None known
Mutagenic Effects None known
Reproductive Toxicity None known
Target Organ Effects None known

12. ECOLOGICAL INFORMATION

Attribute This product contains disinfectant agents that kill organisms. It should not be allowed to drain into streams, lakes or the ocean. When used as directed, this product posses no harmful effect to the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Dispose of according to local, state and federal regulations.

14. TRANSPORT INFORMATION

Transport Product is not regulated for ground, ocean or air transport.

15. REGULATORY INFORMATION

Note This product is not subject to reporting requirements for SARA 313, SARA 311/312, Clean Water Act, and CERCLA California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

16. OTHER INFORMATION

Dated December 20, 2015

WARNING This information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe: Read this safety information and forward it to all persons who may be exposed to this product.



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