



INTERIOR CLEANER SAFETY DATA SHEET

1. IDENTIFICATION

Product Name Interior Cleaner
 Recommended Use Interior cleaner for aircraft
 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. Causes eye Irritation. Harmful if inhaled.
 Exposure Routes Inhalation, Skin Absorption, Skin contact, Eye Contact, Ingestion
 Eye Contact Causes eye irritation. Symptoms include stinging, tearing, redness and blurred vision.
 Skin Contact Causes skin irritation. Prolonged or repeated contact will dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.
 Ingestion Can cause gastrointestinal irritation, nausea, vomiting & diarrhea. Aspiration of material into lungs may cause chemical pneumonitis.
 Inhalation Breathing of vapors is harmful and causes severe nasal and respiratory irritation. Product contains Ammonia which can cause severe irritation when inhaled.
 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 Information

HMS	
Health Hazard	2 - Moderate
Flammability Hazard	2 - Moderate
Reactivity Hazard	0 - Minimal
Personal Protection	n + p

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS	CAS	%	TLV/PEL
2-butoxyethanol	111-76-2	1-10	25ppm
Aqua Ammonium	1336-21-6	1-10	50ppm
2 - propanol	67-63-2	1-10	400ppm

4. FIRST AID MEASURES

Description Of First Aid Measures

Inhalation Move Victim to fresh air and keep comfortable. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing and get immediate medical attention.
 Skin Rinse with water. Remove contaminated clothing and wash before re-use.
 Eye Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing with water for 15 minutes. Get medical attention if irritation develops.
 Ingestion Do not Induce vomiting. If conscious, give two glasses of milk or water. Get immediate medical attention. If spontaneous vomiting occurs, keep airway clear.

Most important systems and effects, both acute and delayed

Note Product may dry hands 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.
 Emergency Procedures Isolate spill or leak to prevent entering storm drains. Turn off all sources of ignition such as pilot lights, emergency flares, etc.
 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.





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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 nitrile 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	Amber	Odor	Ammonia
Taste	Data Lacking	Particulate Type	N/A
Particulate Size	N/A	Aerosol Type	N/A

General Properties

Boiling Pt	212° F	Flash Point	177° F
pH	10-11	SG / Density	1.02-1.04
Water Solubility	100%	VOC	28 grams / Liter

10. STABILITY AND REACTIVITY

Reactivity No dangerous reaction known 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

Acute Toxicity No Information Available.

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

2-butoxyethanol Toxicity to fish LC50-Lepomis macrochirus (Bluegill)-1,490 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Transport This product is not regulated for DOT shipping.

15. REGULATORY INFORMATION

SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313.

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.

16. OTHER INFORMATION

Dated December 4, 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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