



Product Information: 203-723-1437 Emergency Assistance: P-ChEM 1-800-424-5571

SAFETY DATA SHEET

Ambex RI-105

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Product Identifier: Cleaning Compound

Supplier Details: Ambion Corporation
37 Naugatuck Drive
Naugatuck, CT 06770
Tel: 203-723-1437
Fax: 203-723-0101

Emergency Contact P-ChEM: 1-800-424-5571

2. HAZARDS IDENTIFICATION

Danger!!



Hazard Statement(s)

H301 Toxic if swallowed
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation
H319 Causes serious eye irritation

Precautionary Statement(s)

P202 Do not handle until all safety precautions have been read and understood
P233 Keep container tightly closed
P260 Do not breathe dust/fume/gas/mist/vapors/spray
P262 Do not get in eyes, on skin or on clothing
P264 Wash...thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor /physician.
P303+352 IF ON SKIN: Wash with plenty of water.
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P306+360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313 If skin irritation occurs: Get medical advice/attention.
P337+313 If eye irritation persists: Get medical advice/attention.
P361 Remove/Take off immediately all contaminated clothing.
P363 Wash contaminated clothing before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Material	CAS #	EINECS#	WT%
Sodium Nitrite	7632-00-0	231-555-9	5

4. FIRST AID MEASURES

- Ingestion (Swallowing):** DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician immediately.
- Inhalation (Breathing):** Remove patient from contaminated area. If breathing has stopped, give mouth to mouth resuscitation, then oxygen if needed. Get immediate medical attention.
- Skin Contact:** Remove contaminated clothing at once while washing affected area with plenty of water for at least 15 minutes. Call a physician.
- Eye Contact:** Wash eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids for occasionally. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
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5. FIRE-FIGHTING MEASURES

Not considered to be a fire hazard.

Not considered to be an explosion hazard.

Use any means suitable for extinguishing surrounding fire. Avoid direct contact of liquid with water.

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

NFPA	Health 1	Flammability 0	Instability 0	Physical Hazards N/A
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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Do not inhale vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Take steps to prevent eye or skin contact or inhalation.

Environmental precautions:

Contain spill if possible and safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up:

To clean up spill, scrape up or use absorbent material. Wash contaminated area with alkaline cleaner and water. All clean up and disposal should be carried out in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Do not get on skin or in eyes. Do not inhale vapor or mist.

Conditions for safe storage, including any incompatibilities:

Keep in a tightly closed container. Store in a cool, dry, ventilated area. Protect against physical damage. Separated from acids and alkalis. Containers of this material may be hazardous when empty since they retain product residues.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

Material	CAS #	EINECS#	TWA (OSHA)	TLV (ACGIH)
Sodium Nitrite	7632-00-0	231-555-9	N/A	N/A

Appropriate engineering controls:

General room or local exhaust ventilations is usually required to meet exposure limits.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Use NIOSH approved organic vapor/acid gas respirator or canister respirator within the use limitations of these devices when lacking sufficient local ventilation to control vapors to a safe level. In all other situations use a self-contained breathing apparatus.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Use equipment approved by appropriate government standards, such as NIOSH (US) or EN166 (EU). Maintain eye wash fountain and quick-drench facilities in work area.

Skin and body protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point :	212°F (100°C)
Vapor Pressure (mm. Hg) :	17.5
Vapor Density (Air=1):	0.6
Solubility in Water:	100%
Specific Gravity (Water=1) :	1.03
Melting Point :	31°F (-1°C)
Evaporation Rate (n-BuOH=1) :	1.0
Appearance:	Clear, watery, colorless liquid
Odor:	None

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Heat, contamination

Incompatibility (Materials to Avoid): Acids, ammonium compounds, reducing agents-particularly cyanides, thiocyanates and thiosulfates; certain combustibles and organics.

Hazardous Decomposition or Byproducts: Toxic, gaseous nitrogen oxides which are oxidizers. Leaves a caustic residue.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure:

Eye, skin, inhalation, and ingestion.

Acute Toxicity: Toxic if swallowed

Material	CAS #	EINECS#		
Sodium Nitrite	7632-00-0	231-555-9	Oral Inhalation	Rat: LD50=180 mg/kg Rat: LC50=5.5 mg/l/4h

Symptoms: Skin and eye irritation.

Short Term exposure: Skin and eye irritation. May be fatal if swallowed and enters air way.

Long Term exposure: May cause damage to organs.

Carcinogenicity: None known.

12. ECOLOGICAL INFORMATION

None available

13. DISPOSAL CONSIDERATION

Product should be disposed of by federally approved hazardous waste disposal facility.

14. TRANSPORT INFORMATION

UN number	N/A
UN proper shipping name	Cleaning compound N.O.I. Non-Regulated
Transport Hazard Class	N/A
Packing Group	N/A

15. REGULATORY INFORMATION

Not available

16. OTHER INFORMATION

Date Prepared: June 17, 2015
