

**1. Product and Company Identification**

**Material name** SC1100 B  
**Version #** 04  
**Revision date** 02-06-2012  
**CAS #** Mixture  
**Manufacturer**  
**Manufacturer** Ergon Armor  
**Division** Memphis  
**Address** PO Box 1639  
 Jackson, MS 39215-1639  
**Contact Name** Mary Ellen Snow  
**E-Mail** mary.snow@ergon.com  
**Hours of Operation** 8:00AM - 5:00PM  
**ERGON General Assistance** 1 (800) 222 7122  
**24 Hour Emergency** CHEMTREC: North America 1 (800) 424 9300 International 1 (703) 527 3887

**2. Hazards Identification**

**Emergency overview** Irritating to eyes, respiratory system and skin. Corrosive material.  
**OSHA regulatory status** This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).  
**Potential health effects**  
**Eyes** Irritating to eyes.  
**Skin** Irritating to skin. Avoid contact with the skin.  
**Inhalation** Vapors/aerosol spray may irritate the respiratory system.  
**Ingestion** Health injuries are not known or expected under normal use. Do not ingest.  
**Potential environmental effects** May cause long-term adverse effects in the environment.

**3. Composition / Information on Ingredients**

Hazardous components	CAS #	Percent
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	90-72-2	2 - 7
Non-hazardous components	CAS #	Percent
PROPRIETARY INGREDIENTS	N/A	60 - 65
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	10 - 20
AMINOPROPYL MORPHOLINE, 4-	123-00-2	0 - 20

**4. First Aid Measures**

**First aid procedures**  
**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.  
**Skin contact** Rinse skin with water/shower. Get medical attention if irritation develops and persists.  
**Inhalation** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.  
**Ingestion** Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.  
**General advice** If you feel unwell, seek medical advice (show the label where possible).

**5. Fire Fighting Measures**

**Flammable properties** The product is not flammable. No unusual fire or explosion hazards noted.

## Extinguishing media

### Suitable extinguishing media

Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

### Fire fighting equipment/instructions

In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers. Cool containers exposed to flames with water until well after the fire is out.

### Specific methods

In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers.

## 6. Accidental Release Measures

### Personal precautions

Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

### Methods for containment

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

### Methods for cleaning up

Should not be released into the environment.

Large Spills: Dike far ahead of spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water.

Never return spills in original containers for re-use. Soak up with inert absorbent material.

### Other information

Soak up with inert absorbent material.

## 7. Handling and Storage

### Handling

Avoid release to the environment. Handle and open container with care.

### Storage

Use care in handling/storage.

## 8. Exposure Controls / Personal Protection

### Personal protective equipment

#### Eye / face protection

Wear goggles/face shield.

#### Skin protection

Chemical resistant gloves. Wear appropriate chemical resistant clothing.

#### Respiratory protection

Avoid breathing dust/fume/gas/mist/vapors/spray. If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

### Appearance

Liquid.

### Physical state

Liquid.

### Form

Liquid.

### Color

Golden to Light Amber

### Odor

Ammoniacal. Amine-like.

### Odor threshold

Not available.

### pH

Alkaline

### Vapor pressure

Not available.

### Vapor density

Not available.

### Boiling point

Not available.

### Melting point/Freezing point

Not available.

### Solubility (water)

Partial

### Specific gravity

0.95

### Relative density

Not available.

### Flash point

Not available.

### Flammability limits in air, upper, % by volume

Not available.

**Flammability limits in air, lower, % by volume** Not available.

**Auto-ignition temperature** Not available.

## 10. Chemical Stability & Reactivity Information

**Chemical stability** Stable at normal conditions.

**Conditions to avoid** Not available.

**Incompatible materials** Peroxides. Strong oxidizing agents. This product may react with strong acids. This product may react with strong alkalis. Chlorine.

**Hazardous decomposition products** If product is burned hazardous gases such as oxides of carbon and nitrogen and various hydrocarbons may be produced.

## 11. Toxicological Information

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**Further information** This product has no known adverse effect on human health.

## 12. Ecological Information

### Ecotoxicological data

#### Product

#### Test Results

SC1100 B (Mixture)

EC50 Daphnia: 32.2776 mg/l 48 hours estimated

LC50 Fish: 42.522 mg/l 96 hours estimated

\* Estimates for product may be based on additional component data not shown.

**Ecotoxicity** Contains a substance which causes risk of hazardous effects to the environment

**Environmental effects** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

**Persistence and degradability** Not available.

## 13. Disposal Considerations

**Disposal instructions** Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

**Waste from residues / unused products** Not applicable.

## 14. Transport Information

### DOT

#### Basic shipping requirements:

**UN number** 2735

**Proper shipping name** Amines, Liquid, Corrosive, N.O.S. (Amidoamine)

**Hazard class** 8

**Packing group** III

#### Additional information:

**ERG number** 153



DOT

## 15. Regulatory Information

### US federal regulations

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

### Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2))

Not regulated

### DEA Essential Chemical Code Number

Not regulated

### Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Not regulated

### DEA Exempt Chemical Mixtures Code Number

Not regulated

### CERCLA (Superfund) reportable quantity

None

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

#### Section 302 extremely hazardous substance

No

#### Section 311 hazardous chemical

No

### Inventory status

#### Country(s) or region

#### Inventory name

#### On inventory (yes/no)\*

Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCs)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

### State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

## 16. Other Information

### Further information

HMIS® is a registered trade and service mark of the NPCA.

### HMIS® ratings

Health: 2  
Flammability: 0  
Physical hazard: 0

### NFPA ratings

Health: 2  
Flammability: 0  
Instability: 0

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Issue date**

01-12-2011

**This data sheet contains changes from the previous version in section(s):**

Physical & Chemical Properties: Multiple Properties

Other Information: Disclaimer