

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: HEAVY DUTY CLEANER RTU

Company Identification

STONE ESSENTIALS®
592 Arnold Road
P.O. Box 1287
Coventry, RI 02816 USA
1-866-786-6350 (For product information)

24 Hour Emergency Contact:

CHEMTREC 1-800-424-9300 (within USA)
CHEMTREC 1-703-527-3887 (outside USA)

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

Acute toxicity-Oral: Category 4
Skin irritation: Category 2
Serious eye damage/eye irritation: Category 1
Hazard to the aquatic environment-acute: Category 2

GHS LABEL ELEMENTS

Hazard Pictograms:



SIGNAL WORD: Danger

GHS HAZARD STATEMENT:

H302 Harmful if swallowed
H315 Causes skin irritation.
H318 Causes serious eye damage
H401 Toxic to aquatic life.

GHS PRECAUTIONARY PHRASES:

P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: If SWALLOWED: Immediately call a poison center.
P330: Rinse mouth.
P102: Keep out of reach of children.
P501: Dispose of contents/container according to local, state and federal regulations.

CARCINOGENICITY INFORMATION:

N.A.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

May aggravate pre-existing eye or skin conditions upon contact.

HMIS Rating:



NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the national Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

POTENTIAL HEALTH EFFECTS

EYE:

Contact may cause severe eye irritation including stinging, tearing, redness and swelling of eyes.

SKIN:

May cause severe skin irritation with discomfort or rash, redness, swelling, and itching.

INHALATION:

Inhalation of vapors or mist may cause irritation to respiratory tract.

INGESTION:

Ingestion of larger amounts may cause gastric disturbances. May cause headaches, dizziness, unco-ordination, nausea, vomiting, diarrhea and general weakness.

SIGNS AND SYMPTOMS OF EXPOSURE:

Irritation as noted.

CARCINOGENICITY INFORMATION:

N.A.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:

May aggravate pre-existing eye, skin or respiratory tract conditions upon contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Amount	CAS Number
-----	-----	-----
TRIETHANOLAMINE	< 5.0 %	102-71-6

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

COMPOSITION COMMENT:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SARA 311 Categories:

- Immediate (Acute) Health Effects....: Yes
- Delayed (Chronic) Health Effects....: No
- Fire Hazard.....: No
- Sudden Release Of Pressure Hazard...: No
- Reactivity Hazard.....: No

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT FIRST AID:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash clothing before reuse.

INHALATION FIRST AID:

Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get immediate medical attention.

INGESTION FIRST AID:

If swallowed, immediately give 2 glasses of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Auto ignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

FLAMMABLE PROPERTIES:

Use self-contained breathing apparatus and protective equipment.

EXTINGUISHING MEDIA:

Water, carbon dioxide, foam or dry powder.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

COMBUSTION PRODUCTS:

Burning may produce oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

INITIAL CONTAINMENT:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

LARGE SPILLS PROCEDURE:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

SMALL SPILLS PROCEDURE:

Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

MISCELLANEOUS:

Flush spill area with water.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid breathing (dust, vapor, mist, gas). Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

HANDLING (PHYSICAL ASPECTS):

Keep container closed to avoid contamination. Store in a cool dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control airborne levels.

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses with side shields (or goggles) and a face shield.

SKIN PROTECTION REQUIREMENTS:

Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield. Nitrile, neoprene or natural rubber gloves.

RESPIRATORY PROTECTION REQUIREMENTS:

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

MISCELLANEOUS:

Observe the usual precautions for handling any chemical substance.

EXPOSURE GUIDELINES:

Triethanolamine
ACGIH TWA: 5 mg/m³
Skin Designation: Yes

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Light Amber
ODOR: mild
SOLUBILITY IN WATER ...: Complete
SPECIFIC GRAVITY: 1.00 average (Water = 1)
PH: 9-11

10. STABILITY AND REACTIVITY

STABILITY:
Stable.

POLYMERIZATION:
Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:
Avoid contact with acids, metals and oxidizers.

DECOMPOSITION:
Burning may produce oxides of carbon, nitrogen and ammonia.

11. TOXICOLOGICAL INFORMATION

TRIETHANOLAMINE
Oral LD 50 (rat): 9.0g/kg
Dermal LD50 (rabbit): >20 g/kg
Inhalation LC50: Not Available

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:
Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL...: HEAVY DUTY CLEANER RTU

D.O.T.(Department of Transportation):
This product is not classified as hazardous in accordance with US DOT-49 CFR 172.101

15. REGULATORY INFORMATION

REGULATORY DISCLOSURES:

Chemicals subject to the reporting requirements of SARA Title III
Section 313 and 40 CFR Part 372:

None

EEC Symbols and Indications of Danger:

None

WHMIS Hazard Symbols:

None

Canadian Disclosure List

Triethanolamine (102-71-6)

SARA Title III - Section 313

None

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of
Existing Chemical Substances under the Toxic Substance Control Act
(TSCA).

16. OTHER INFORMATION

Prepared By.....: CJL
Approved By.....: SJL
Title.....: Health & Safety Officer
Approval Date.....: June 1, 2015
Supersedes Date...:

ADDITIONAL INFORMATION:

The data in this Safety Data Sheet relates only to the specific material
designated herein.

This information is furnished without warranty, expressed or implied, except
that it is accurate to the best knowledge of STONE ESSENTIALS®. The data on
this sheet are related to the specific material designated herein. STONE
ESSENTIALS® assumes no legal responsibility for use or reliance upon these
data.

END OF SDS