

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: PRO SHINE EGR
CAS Number: Blend

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 corrosion/irritation:	Category 2
Serious eye damage/eye irritation:	Category 1
Hazardous to aquatic environment-Acute:	Category 3
Hazardous to aquatic environment-Chronic:	Category 3

GHS LABEL ELEMENTS

Hazard Pictograms:



SIGNAL WORD: Danger

GHS HAZARD STATEMENT:

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.

GHS PRECAUTIONARY PHRASES:

- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 Wash hands and any exposed skin thoroughly after handling.
- P271 Use only outdoors or in a well ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P301+310: If SWALLOWED: Immediately call a poison center.
- P331: Do NOT induce vomiting.
- P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P301+353: If on skin (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- P405: Store locked up.
- P102: Keep out of reach of children.
- P501: Dispose of contents/container according to local, state and federal regulations.
- P233 Keep container tightly closed.
- P403+235: Store in cool/well ventilated place.

OTHER INFORMATION: Corrosive

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:

Corrosive. Can cause severe eye irritation. May cause eye burns.

SKIN:

Corrosive. Contact causes skin irritation. May cause skin burns.

INHALATION:

Vapors are irritating to the eyes, nose, throat, and lungs. Extremely destructive to tissues of the mucous membranes and upper respiratory tract. Symptoms may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting. May cause pulmonary edema, a medical emergency. Pulmonary edema may be delayed up to 48 hours.

INGESTION:

Corrosive. May be harmful if swallowed or inhaled. Swallowing can cause severe burns to mouth, throat, and stomach. Maybe fatal if swallowed. Can cause sore throat, vomiting, diarrhea.

SIGNS AND SYMPTOMS OF EXPOSURE:

Irritation as noted.

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 -----
SULFAMIC ACID	< 15.0 %	5329-14-6

(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.

As defined under Sara 311 and 312, this product contains materials that are acute, reactive hazards.

SARA 311 Categories:

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

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.

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:

For larger amounts, do NOT induce vomiting, but give one or two glasses of water to drink and get medical attention. Get immediate medical attention. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN:

For severe exposures, monitor for delayed onset of pulmonary edema.

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 & EXPLOSION HAZARDS:

Not considered to be an explosion hazard.

FIRE FIGHTING INSTRUCTIONS:

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

COMBUSTION PRODUCTS:

Burning may produce hydrogen gas, a highly flammable gas.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Avoid breathing vapor. Ventilate spill area. 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:

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

MISCELLANEOUS:

Flush spill area with water.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid breathing (dust, vapor, mist, gas). Use with adequate ventilation. Avoid contact with eyes. Do not get on skin and clothing. Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

HANDLING (PHYSICAL ASPECTS):

Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction. Keep container closed to avoid contamination. Store in a cool dry area.

STORAGE PRECAUTIONS:

Keep container tightly closed. Keep away from heat, sparks, and flame.

SPECIAL SENSITIVITY:

Metal contact may release hydrogen gas which is flammable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EYE / FACE PROTECTION REQUIREMENTS:

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

SKIN PROTECTION REQUIREMENTS:

Nitrile, neoprene or natural rubber gloves. Wear protective gloves to minimize skin contamination. Wear protective clothing when handling.

RESPIRATORY PROTECTION REQUIREMENTS:

If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. 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:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Clear/bluish green
ODOR: Characteristic
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.100 Average (Water = 1)
PH: 1

10. STABILITY AND REACTIVITY

STABILITY:

Solutions are acidic. Will slowly hydrolyze to form ammonium sulfate and bisulfate.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong alkali, nitric acid, chlorine and oxidizing agents and reducing agents. Do not mix with alkaline materials, ammoniated cleaners or bleach as harmful fumes will result! Avoid contact with metals.

DECOMPOSITION:

Decomposition may produce ammonia, oxides of sulfur, oxides of nitrogen and carbon . Burning may produce oxides of carbon, nitrogen .

CONDITIONS TO AVOID:

Avoid contact with bases and metals. Do not mix with alkaline materials, ammoniated cleaners or bleach as harmful fumes will result!

11. TOXICOLOGICAL INFORMATION

No information 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.....: PRO SHINE EGR
D.O.T. SHIPPING.....: for 2oz, 16oz, quart & gallon/ Consumer
Commodity, ORM D
D.O.T. SHIPPING.....: for 5 gallon & drum: UN 1760, Corrosive Liquid
N.O.S. (Sulfamic Acid), 8, PG III
Label.....: Corrosive

15. REGULATORY INFORMATION

HAZARDS DISCLOSURE

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

As defined under Sara 311 and 312, this product contains materials that are acute, reactive hazards.

SARA 311 Categories:

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

This product does not contain any materials subject to the reporting requirements of SARA Title III Section 313.

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