

# SAFETY DATA SHEET

## GRASS AND BLOOD SPOTTER

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : GRASS AND BLOOD SPOTTER  
Other means of identification : Not applicable  
Recommended use : Liquid laundry pre-spotter  
Restrictions on use : For industrial and professional use  
Company : Advanced Chemical Solutions  
216 Moore Lane  
Billings, MT 59101  
Emergency telephone : (406)-252-7408  
Poison control center : (800)-222-1222  
Issuing date : 04/1/2015

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Serious eye damage : Category 1

#### GHS Label element

Hazard pictograms :



Signal Word : Warning

Hazard statements : Causes serious eye damage

Precautionary Statements : **Prevention:**  
Wear eye protection/face protection  
**Response:**  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Other Hazards : None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical name	CAS-No.	Concentration (%)
Amines (including ethanolamines)	102-71-6	10-20

### SECTION 4. FIRST AID MEASURES

In case of eye contact : Rinse with plenty of water.

In case skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

Protection of first-aiders : No special precautions are necessary for first aid responders.

Notes to Physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See section 11 for more detailed information on health effects and symptoms.

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local Circumstances and the surrounding environment.

Unsuitable extinguishing media : None known

Specific hazards during fire fighting : Not flammable or combustible.

Hazardous combustion Products : Decomposition products may include the following materials:  
Carbon oxides  
Nitrogen oxides (NOx)  
Sulfur oxides

Special protective equipment for fire-fighters : Use personal protective equipment

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.

Environmental precautions : No special environmental precautions required.

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Methods and materials for containment and cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/ national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Wash hands thoroughly after handling.

Conditions for safe storage : Keep out of reach of children. Store in suitable labeled containers.

Storage temperature : 0 °C to 50 °C

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Personal protective equipment

Eye protection : No special protective equipment required.

Hand protection : No special protective equipment required.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene Measures : Wash hands before breaks and immediately after handling the product

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Color : Amber

Odor : mild

pH : 6.2 – 9.4, (100%)

Flash point : > 100 °C

Odor threshold : No data available

Melting point/freezing point : No data available

Initial boiling point and boiling range : 100 °C

Evaporation Rate : No data available

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Flammability (solid, gas)	:	No data available
Upper Explosion Limit	:	No data available
Lower Explosion Limit	:	No data available
Vapor Pressure	:	No data available
Relative Vapor Density	:	No data available
Specific Gravity	:	1.005
Relative Density	:	No data available
Water Solubility	:	complete
Solubility in Other Solvents	:	No data available
Partition Coefficient: n Octanol/Water	:	No data available
Autoignition Temperature	:	No data available
Thermal Decomposition	:	No data available
Viscosity, Kinematic	:	No data available
Explosive Properties	:	No data available
Oxidizing Properties	:	The substance/mixture is not classified as oxidizing
Molecular Weight	:	No data available
VOC	:	None

### SECTION 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	None known
Materials to avoid	:	None known
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure                      Eye contact, Skin contact

#### Potential Health Effects

Eyes	:	Health injuries are not known or expected under normal use
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.
Inhalation	:	Health injuries are not known or expected under normal use.
Chronic exposure	:	Health injuries are not known or expected under normal use.

#### Experience with human exposure

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Eye contact	:	No symptoms known or expected
Skin contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
Inhalation	:	No symptoms known or expected.

### Toxicity

Acute oral toxicity	:	Acute toxicity estimate : > 5,000 mg/kg
Acute inhalation toxicity	:	No data available
Acute dermal toxicity	:	Acute toxicity estimate : > 5,000 mg/kg
Skin corrosion/irritation	:	No skin irritation
Serious eye damage/eye irritation	:	No eye irritation
Respiratory or skin sensitization	:	No data available
Carcinogenicity	:	No data available
Reproductive effects	:	No data available
Germ cell mutagenicity	:	No data available
Teratogenicity	:	No data available
STOT -single exposure	:	No data available
STOT -repeated exposure	:	No data available
Aspiration toxicity	:	No data available

## SECTION 12.

## ECOLOGICAL INFORMATION

### Ecotoxicity

Environmental Effects Harmful to aquatic life with long lasting effects.

### Product

Toxicity to fish	:	No data available
Toxicity to daphnia and other aquatic invertebrates	:	No data available
Toxicity to algae	:	No data available

### Ingredients

Toxicity to fish	:	Amines (incl. ethanolamines) 96 h LC50 Fish 55mg/l
Persistence and degradability	:	Taking into consideration the properties of several ingredients, the product is estimated to be biodegradable. According to OECD classification.

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Bioaccumulative potential : No data available  
Mobility in soil : No data available  
**Other adverse effects** : No data available

### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods : The product should not be allowed to enter drains, water courses or the soil.  
Disposal considerations : Dispose of in accordance with local, state, and federal regulations.

### SECTION 14. TRANSPORT INFORMATION

This shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

#### Land Transport (DOT)

Not regulated

#### Sea Transport (IMDG/IMO)

Not regulated

### SECTION 15. REGULATORY INFORMATION

#### EPCRA – Emergency Planning and Community Right-to-Know

##### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

##### SARA 304 Extremely Hazardous Substance Reportable Quantity

This material does not contain any components with a section 304 EHS RQ

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 302** : No chemicals in this material are subject to the reporting Requirements of SARA Title III, Section 302.

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

#### California Prop 65

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

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The ingredients of this product are reported in the following inventories:

**United States TSCA Inventory :**

On TSCA Inventory

**Canadian Domestic Substances List (DSL) :**

This product contains one or several components listed in the Canadian NDSL.

### SECTION 16.

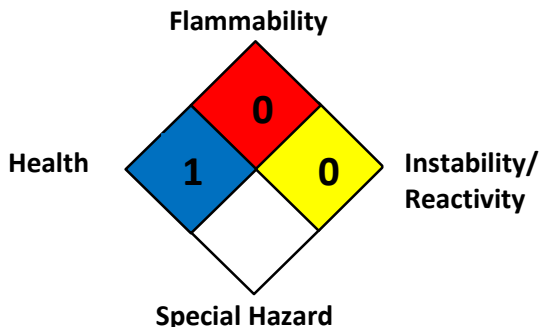
### OTHER INFORMATION

Hazardous Material :

Information System (U.S.A)

Health	1
Flammability	0
Physical Hazards	0

NFPA:



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Notice to reader

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.