

**Safety Data Sheet**  
**SlipDoctors Step 2 Activator Stone Treatment**

SDS Revision Date: 08/20/2015



**1. Identification**

**1.1. Product identifier**

Product Identity

**SlipDoctors Step 2 Activator  
Stone Treatment**

**1.3. Details of the supplier of the safety data sheet**

Company Name

SlipDoctors  
2101 Midway Rd., Suite 350  
Carrollton, TX 75006

Emergency

**CHEMTREC (USA)**

(800) 424-9300  
972-999-9998

**2. Hazard(s) identification**

**2.1. Classification of the substance or mixture**

Acute Tox. 4;H302	Harmful if swallowed.
Skin Corr. 1A;H314	Causes severe skin burns and eye damage.
Eye Dam. 1;H318	Causes serious eye damage.

**2.2. Label elements**

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

# Safety Data Sheet

## SlipDoctors Step 2 Activator Stone Treatment

SDS Revision Date: 08/20/2015



### [Prevention]:

- P260 Do not breathe mist / vapors / spray.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves / eye protection / face protection.

### [Response]:

- P301+312 IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.
- P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
- P310 Immediately call a POISON CENTER or doctor / physician.
- P330 Rinse mouth.
- P331 Do NOT induce vomiting.
- P363 Wash contaminated clothing before reuse.

### [Storage]:

- P405 Store locked up.

### [Disposal]:

- P501 Dispose of contents / container in accordance with local / national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Ammonium bifluoride CAS Number: 0001341-49-7	5 - 10	Acute Tox. 3;H301 Skin Corr. 1B;H314	[1]
Hydrochloric acid CAS Number: 0007647-01-0	5 - 10	Skin Corr. 1B;H314 STOT SE 3;H335	[1][2]
Ethanedioic acid, dihydrate CAS Number: 0006153-56-6	1 - 5	Eye Dam. 1;H318 Acute Tox. 4;H312 Acute Tox. 4;H302	[1]
Nonylphenol polyethylene glycol ether CAS Number: 0127087-87-0	1 - 5	Eye Dam. 1;H318 Acute Tox. 4;H302 Skin Irrit. 2;H315	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

# Safety Data Sheet

## SlipDoctors Step 2 Activator Stone Treatment

SDS Revision Date: 08/20/2015



### 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	Do not induce vomiting. Dilute by giving large amounts of water immediately followed by mineral oil or milk of magnesia.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Overview</b>	DANGER! Corrosive, causes burns to eyes and skin. Irritating to the respiratory tract and mucous membranes. Harmful or fatal if swallowed. Never add water to this product. Always add the product to large amounts of water. Do not breathe mist or vapors. Ventilation must be sufficient to limit employee exposure to this product below permissible limits. Swallowing can cause severe internal burns and may be fatal. See section 2 for further details.
<b>Eyes</b>	Causes serious eye damage.
<b>Skin</b>	Causes severe skin burns and eye damage.
<b>Ingestion</b>	Harmful if swallowed.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Not combustible. Water spray, dry chemical, CO<sub>2</sub>, or foam may be used in areas where product is stored.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

Do not breathe mist / vapors / spray.

#### 5.3. Advice for fire-fighters

Normal fire-fighting procedures may be used.

ERG Guide No. 154

# Safety Data Sheet

## SlipDoctors Step 2 Activator Stone Treatment

SDS Revision Date: 08/20/2015



### 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

#### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

#### 6.3. Methods and material for containment and cleaning up

Contain spill and clean up immediately.

### 7. Handling and storage

#### 7.1. Precautions for safe handling

See section 2 for further details. - [Prevention]:

#### 7.2. Conditions for safe storage, including any incompatibilities

If spilled, steps should be taken to contain spill. Clean area of spill immediately. Follow protective measures provided in Section 8.

Store in a dry, cool, and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

Incompatible materials: No data available.

See section 2 for further details. - [Storage]:

#### 7.3. Specific end use(s)

No data available.

### 8. Exposure controls and personal protection

#### 8.1. Control parameters

##### Exposure

CAS No.	Ingredient	Source	Value
0001341-49-7	Ammonium bifluoride	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0006153-56-6	Ethanedioic acid, dihydrate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

# Safety Data Sheet

## SlipDoctors Step 2 Activator Stone Treatment

SDS Revision Date: 08/20/2015



0007647-01-0	Hydrochloric acid	OSHA	C 5 ppm (7 mg/m3)
		ACGIH	Ceiling: 2 ppm Revised 2003,
		NIOSH	C 5 ppm (7 mg/m3)
		Supplier	No Established Limit
0127087-87-0	Nonylphenol polyethylene glycol ether	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

### Carcinogen Data

CAS No.	Ingredient	Source	Value
0001341-49-7	Ammonium bifluoride	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0006153-56-6	Ethanedioic acid, dihydrate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007647-01-0	Hydrochloric acid	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0127087-87-0	Nonylphenol polyethylene glycol ether	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

### 8.2. Exposure controls

#### Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

#### Eyes

Chemical resistant goggles must be worn.

#### Skin

Apron/boots of butyl rubber are recommended if there is a risk of splashing. Rubber gloves, butyl rubber recommended.

#### Engineering Controls

Provide general or mechanical ventilation or local exhaust to keep vapor below TLV.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

# Safety Data Sheet

## SlipDoctors Step 2 Activator Stone Treatment

SDS Revision Date: 08/20/2015



### 9. Physical and chemical properties

Appearance	Tan Liquid
Odor	Slight Acidic Odor
Odor threshold	Not determined
pH	Not Measured
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	212°F
Flash Point	Not Measured
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	1.06
Solubility in Water	Complete
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured

#### 9.2. Other information

No other relevant information.

### 10. Stability and reactivity

#### 10.1. Reactivity

Hazardous Polymerization will not occur.

#### 10.2. Chemical stability

Stable under normal circumstances.

#### 10.3. Possibility of hazardous reactions

No data available.

#### 10.4. Conditions to avoid

Avoid contact with heat, strong alkalis, alkali metals, and organic materials.

#### 10.5. Incompatible materials

No data available.

# Safety Data Sheet

## SlipDoctors Step 2 Activator Stone Treatment

SDS Revision Date: 08/20/2015



### 10.6. Hazardous decomposition products

No hazardous decomposition data available.

## 11. Toxicological information

### Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Ammonium bifluoride - (1341-49-7)	147.00, Rat - Category: 3	No data available	No data available	No data available	No data available
Hydrochloric acid - (7647-01-0)	900.00, Rabbit - Category: 4	5,010.00, Rabbit - Category: NA	781.00, Mouse - Category: NA	No data available	3,124.00, Rat - Category: 4
Ethanedioic acid, dihydrate - (6153-56-6)	No data available	No data available	No data available	No data available	No data available
Nonylphenol polyethylene glycol ether - (127087-87-0)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1A	Causes severe skin burns and eye damage.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

# Safety Data Sheet

## SlipDoctors Step 2 Activator Stone Treatment

SDS Revision Date: 08/20/2015



### 12. Ecological information

#### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Ammonium bifluoride - (1341-49-7)	Not Available	Not Available	Not Available
Hydrochloric acid - (7647-01-0)	282.00, Gambusia affinis	260.00, Crangon crangon	Not Available
Ethanedioic acid, dihydrate - (6153-56-6)	Not Available	Not Available	Not Available
Nonylphenol polyethylene glycol ether - (127087-87-0)	Not Available	Not Available	Not Available

#### 12.2. Persistence and degradability

There is no data available on the preparation itself.

#### 12.3. Bioaccumulative potential

Not Measured

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

#### 12.6. Other adverse effects

No data available.

### 13. Disposal considerations

#### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1760	UN1760	UN1760
14.2. UN proper shipping name	UN1760, Corrosive liquids, n.o.s., (Hydrochloric acid and Ammonium Bifluoride), 8, III	Corrosive liquids, n.o.s., (Hydrochloric acid and Ammonium Bifluoride)	Corrosive liquids, n.o.s., (Hydrochloric acid and Ammonium Bifluoride)



# Safety Data Sheet

## SlipDoctors Step 2 Activator Stone Treatment

SDS Revision Date: 08/20/2015



**14.3. Transport hazard class(es)** DOT Hazard Class: 8

**IMDG:** 8  
**Sub Class:** Not Applicable

**Air Class:** 8

**14.4. Packing group** III

III

III

**14.5. Environmental hazards**

**IMDG** Marine Pollutant: No

**14.6. Special precautions for user**

No further information

### 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification** D2B E

**US EPA Tier II Hazards**

**Fire:** No

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** Yes

**Delayed (Chronic):** No

**EPCRA 311/312 Chemicals and RQs (lbs):**

Ammonium bifluoride ( 100.00)

Hydrochloric acid ( 5,000.00)

**EPCRA 302 Extremely Hazardous:**

Hydrochloric acid

**EPCRA 313 Toxic Chemicals:**

Hydrochloric acid

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

# Safety Data Sheet

## SlipDoctors Step 2 Activator Stone Treatment

SDS Revision Date: 08/20/2015



### New Jersey RTK Substances (>1%):

Ammonium bifluoride

Hydrochloric acid

### Pennsylvania RTK Substances (>1%):

Ammonium bifluoride

Ethanedioic acid, dihydrate

Hydrochloric acid

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the user. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or violate any federal, state, or local laws, rules, regulations or ordinances.

End of Document