

# Safety Data Sheet: SLASH-N-GRIND

Supersedes Date 05/01/2013

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** SLASH-N-GRIND

**Recommended use** Grinding

**Information on Manufacturer**

Trust-X by Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

**Product Code** 87760000

**Chemical nature** Inorganic solid blend

**Emergency Telephone Number**

CHEMTREC® 800-424-9300

**Telephone inquiry**

972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Dark brown

**Physical State** Solid

**Odor** No information available

**GHS**

**Classification**

Physical Hazards

None

Health Hazard

Acute Oral Toxicity

Serious Eye Damage/Eye Irritation

Other hazards

None

Category 5

Category 2B

**Labeling**

Signal Word

**WARNING**

Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists, get medical attention.

P312 - Call a physician if unwell.

27 % of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Aluminum oxide	1344-28-1	60-100
Cured phenolformaldehyde resin	9003-35-4	5-10
Fiberglass	65997-17-3	5-10
Pyrate	1309-36-0	3-7
Potassium aluminu, cryolite	60304-36-1	3-7
Iron oxide	1309-37-1	.1-1

## 4. FIRST AID MEASURES

**General advice**

Avoid breathing dust.

**Eye Contact**

Do not rub your eyes . Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist .

**Skin Contact**

Wash affected areas with plenty of soap and water for several minutes. Seek medical attention if irritation develops.

**Inhalation**

Have the person blow their nose to remove the substance from nasal passages and keep from inhaling further . Get medical attention if symptoms occur.

**Ingestion**

Clean mouth with water and afterwards drink plenty of water. Get medical attention if symptoms occur.

**Notes to physician**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Flash Point** The product is not flammable **Method** Not applicable  
**Upper** No data available **Lower** No data available

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific hazards arising from the chemical**

In the event of fire and/or explosion do not breathe fumes . Dust can form an explosive mixture in air.

**Protective Equipment and Precautions for Firefighters**

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

**NFPA** **Health** 1 **Flammability** 0 **Instability** 0  
**HMIS** **Health** 1 **Flammability** 0 **Instability** 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Ensure adequate ventilation. Avoid breathing dust.  
**Environmental Precautions** No special environmental precautions required.  
**Methods for Containment** Pick up and arrange disposal without creating dust.  
**Methods for Cleaning Up** Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal. Pick up product and inspect for torn or damage areas . Do not use if product is torn or damage .  
**Neutralizing Agent** Not applicable.

## 7. HANDLING AND STORAGE

**Handling** Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Comply with RPM rating on each product . Keep away from flames and hot surfaces.  
**Storage** Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.  
**Storage Temperature** **Minimum** No information available **Maximum** No information available  
**Storage Conditions** **Indoor** X **Outdoor** **Heated** **Refrigerated**

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Aluminum oxide	TWA: 1 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	No data available
Cured phenolformaldehyde resin	No data available	No data available	No data available
Fiberglass	TWA: 1 fiber/cm <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	No data available	No data available
Pyrate	TWA: 1 mg/m <sup>3</sup>	No data available	TWA: 1 mg/m <sup>3</sup>
Potassium aluminu, cryolite	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	No data available
Iron oxide	TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	IDLH: 2500 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>

**Engineering Measures** Provide appropriate exhaust ventilation at places where dust is formed.  
**Personal Protective Equipment**  
**Eye/Face Protection** Tightly fitting safety goggles.  
**Skin Protection** Protective gloves  
**Respiratory Protection** Wear a MSHA/NIOSH approved respirator if exposure limits are exceeded or where dust exposure are excessive .  
**General Hygiene Considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Hearing protection may be required for grinding operations .

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Solid **Viscosity** Not applicable  
**Color** Dark brown **Odor** No information available  
**Odor Threshold** Not applicable **Appearance** Textured black paste  
**pH** Not applicable **Specific Gravity** No data available  
**Evaporation Rate** No information available **Percent Volatile (Volume)** No information available  
**VOC Content (%)** No information available **Vapor Pressure** No information available  
**Vapor Density** No information available **Solubility** Insoluble  
**n-Octanol/Water Partition** No data available **Melting Point/Range** No data available  
**Decomposition Temperature** No data available **Boiling Point/Range** No data available  
**Flammability (solid, gas)** No data available  
**Flash Point** The product is not flammable **Method** Not applicable

**Autoignition Temperature** No information available.  
**Upper** No data available **Lower** No data available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces, and sources of ignition
<b>Incompatible Products</b>	Strong acids and oxidizing agents
<b>Hazardous Decomposition Products</b>	Carbon oxides
<b>Possibility of Hazardous Reactions</b>	None under normal processing

## 11. TOXICOLOGICAL INFORMATION

### Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

<b>Oral LD50</b>	No information available
<b>Dermal LD50</b>	No information available
<b>Inhalation LC50</b>	
<b>Gas</b>	No information available
<b>Mist</b>	No information available
<b>Vapor</b>	No information available

<b>Principle Route of Exposure</b>	Inhalation
<b>Primary Routes of Entry</b>	Inhalation

### Acute Effects

<b>Eyes</b>	Dust may cause abrasive injury to the eye seen as stinging, tearing, redness, or scratching of the cornea .
<b>Skin</b>	Excessive contact may cause mechanical irritation seen as itching and redness .
<b>Inhalation</b>	Prolonged exposure to grinding dust may cause upper respiratory problems or aggravate existing conditions . The dust generated during the use of this product is classified by OSHA as inert dust or nuisance dust and has the same pulmonary effects of inert dust with symptoms that may include soreness of the nose and throat, coughing and sneezing .

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Chronic Toxicity

Long term overexposure to respirable dust may cause lung damage (fibrosis) with symptoms of coughing, shortness of breath and diminishing breath capacity. Most of the dust generated during the sanding is from the base material being worked and the potential hazard from this exposure must be evaluated .

### Target Organ Effects

Eyes, Skin, Liver, Respiratory system, Gastrointestinal tract.

### Aggravated Medical Conditions

Respiratory disorders, Central nervous system, Kidney disorders, Liver disorders.

### Component Information

#### Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Aluminum oxide	> 5000 mg/kg ( Rat )	no data available	no data available	no data available	no data available
Cured phenolformaldehyde resin	no data available	no data available	no data available	no data available	no data available
Fiberglass	no data available	no data available	no data available	no data available	no data available
Pyrate	no data available	no data available	no data available	no data available	no data available
Potassium aluminu, cryolite	= 2150 mg/kg ( Rat )	no data available	no data available	no data available	no data available
Iron oxide	> 10000 mg/kg ( Rat )	no data available	no data available	no data available	no data available

#### Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Aluminum oxide	no data available	no data available	no data available	no data available	eyes,respiratory system,skin
Cured phenolformaldehyde resin	no data available	no data available	no data available	no data available	no data available
Fiberglass	no data available	no data available	no data available	no data available	no data available
Pyrate	no data available	no data available	no data available	no data available	eyes,skin,respiratory system,liver,GI tract
Potassium aluminu, cryolite	no data available	no data available	no data available	no data available	no data available
Iron oxide	no data available	no data available	no data available	no data available	respiratory system eyes,respiratory system,skin

#### Carcinogenicity

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Aluminum oxide	not applicable	not applicable	not applicable	not applicable	not applicable
Cured phenolformaldehyde resin	not applicable	not applicable	not applicable	not applicable	not applicable

Fiberglass	not applicable	not applicable	not applicable	not applicable	not applicable
Pyrate	not applicable	not applicable	not applicable	not applicable	not applicable
Potassium aluminu, cryolite	not applicable	not applicable	not applicable	not applicable	not applicable
Iron oxide	not applicable	not applicable	not applicable	not applicable	not applicable

## 12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Aluminum oxide	no data available	no data available	no data available	no data available	N/A
Cured phenolformaldehyde resin	no data available	no data available	no data available	no data available	N/A
Fiberglass	no data available	no data available	no data available	no data available	N/A
Pyrate	no data available	no data available	no data available	no data available	N/A
Potassium aluminu, cryolite	no data available	no data available	no data available	no data available	N/A
Iron oxide	no data available	no data available	no data available	no data available	N/A

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Mobility** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Product Disposal** Dispose of in accordance with local regulations.

**Container Disposal** Empty containers should be taken for local recycling, recovery, or waste disposal.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

## 15. REGULATORY INFORMATION

**Inventories**

**TSCA** Complies

**DSL** Complies

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Component	CAS-No	Weight %	SARA 313 - Threshold Values
Aluminum oxide	1344-28-1	60-100	1.0

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

**CERCLA**

Component	Hazardous Substances RQs	CERCLA EHS RQs
Aluminum oxide	Not applicable	Not applicable
Cured phenolformaldehyde resin	Not applicable	Not applicable
Fiberglass	Not applicable	Not applicable
Pyrate	Not applicable	Not applicable
Potassium aluminu, cryolite	Not applicable	Not applicable
Iron oxide	Not applicable	Not applicable

**16. OTHER INFORMATION**

<b>Prepared By</b>	Don Stewart
<b>Supersedes Date</b>	05/01/2013
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<b>Reason for Revision</b>	No information available.
<b>Glossary</b>	No information available.
<b>List of References.</b>	No information available.

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