

# Safety Data Sheet: RAZOR CUTOFF WHEEL

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** RAZOR CUTOFF WHEEL  
**Recommended use** Cutting  
**Information on Manufacturer**  
Trust-X by Partsmaster, Div of NCH Corp.  
P.O. Box 655326  
Dallas, TX 75265-5326

**Product Code** 87680000  
**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** Odorless

### GHS

#### Classification

##### Physical Hazards

None

##### Health Hazard

Serious Eye Damage/Eye Irritation

Category 2B

##### Other hazards

None

#### Labeling

##### Signal Word

WARNING

##### Hazard Statements

H320 - Causes eye irritation

##### 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.

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P342 + P311 - If experiencing respiratory symptoms, call a physician

50 % of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Silicon carbide	409-21-2	60-100
Aluminum oxide	1344-28-1	15-40
Sodium aluminum fluoride	15096-52-3	5-10

## 4. FIRST AID MEASURES

#### General advice

Avoid contact with skin, eyes and clothing. 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

Get medical attention if irritation develops and persists.

#### 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

Rinse mouth.

#### 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**

None known.

**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**

<b>Personal Precautions</b>	Ensure adequate ventilation
<b>Environmental Precautions</b>	No special environmental precautions required.
<b>Methods for Containment</b>	No information available
<b>Methods for Cleaning Up</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation. Clean contaminated surface thoroughly.
<b>Neutralizing Agent</b>	Not applicable.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Comply with RPM rating on each product . Avoid contact with skin, eyes and clothing. Avoid breathing dust. Handle and store in accordance with ANSI Standard B7.1.			
<b>Storage</b>	Keep in a dry place.			
<b>Storage Temperature</b>	<b>Minimum</b>	No information available	<b>Maximum</b>	No information available
<b>Storage Conditions</b>	<b>Indoor</b>	X	<b>Outdoor</b>	<b>Heated</b>
				<b>Refrigerated</b>

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Silicon carbide	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup> TWA: 0.1 fiber/cm <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
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
Sodium aluminum fluoride	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	IDLH: 250 mg/m <sup>3</sup> TWA: 2.5 mg/m <sup>3</sup>

<b>Engineering Measures</b>	Provide appropriate exhaust ventilation at places where dust is formed.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Tightly fitting safety goggles.
<b>Skin Protection</b>	Leather gloves
<b>Respiratory Protection</b>	Wear a MSHA/NIOSH approved respirator if exposure limits are exceeded or where dust exposure are excessive .
<b>General Hygiene Considerations</b>	Do not eat, drink or smoke when using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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

Possibility of Hazardous Reactions

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):

Oral LD50	500.00
Dermal LD50	No information available
Inhalation LC50	
Gas	4,500.00
Mist	1.50
Vapor	No information available

Principle Route of Exposure Inhalation

Primary Routes of Entry Inhalation

**Acute Effects**

**Eyes** Dust may cause abrasive injury to the eye seen as stinging, tearing, redness, or scratching of the cornea.

**Skin** Excessive contact may cause mechanical irritation seen as itching and redness.

**Inhalation** 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 irritation to mucous membranes.

**Chronic Toxicity** Long term. Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. 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 Respiratory system

Aggravated Medical Conditions Respiratory disorders

**Component Information****Acute Toxicity**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Silicon carbide	no data available	no data available	no data available	no data available	no data available
Aluminum oxide	> 5000 mg/kg ( Rat )	no data available	no data available	no data available	no data available
Sodium aluminum fluoride	> 5 g/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
Silicon carbide	no data available	no data available	no data available	no data available	eyes,respiratory system,skin
Aluminum oxide	no data available	no data available	no data available	no data available	eyes,respiratory system,skin
Sodium aluminum fluoride	no data available	no data available	no data available	no data available	eyes,CNS,respiratory system,skeleton,kidneys,s

**Carcinogenicity**

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Silicon carbide	A2	not applicable	not applicable	not applicable	not applicable
Aluminum oxide	not applicable	not applicable	not applicable	not applicable	not applicable
Sodium aluminum fluoride	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
Silicon carbide	no data available	no data available	no data available	no data available	N/A
Aluminum oxide	no data available	no data available	no data available	no data available	N/A
Sodium aluminum fluoride	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	15-40	1.0

##### SARA 311/312 Hazardous Categorization

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

##### CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Silicon carbide	Not applicable	Not applicable
Aluminum oxide	Not applicable	Not applicable
Sodium aluminum fluoride	Not applicable	Not applicable

#### 16. OTHER INFORMATION

Prepared By Christopher Drogin  
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 Reason for Revision No information available.  
 Glossary No information available.  
 List of References. No information available.

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