

Safety Data Sheet: RAZOR CUTOFF WHEEL

Supersedes Date 02/09/2009

Issuing Date 01/15/2014

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

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

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

7. HANDLING AND STORAGE

Handling	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.			
Storage	Keep in a dry 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
Silicon carbide	TWA: 10 mg/m ³ TWA: 3 mg/m ³ TWA: 0.1 fiber/cm ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³
Aluminum oxide	TWA: 1 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³	No data available
Sodium aluminum fluoride	TWA: 2.5 mg/m ³	TWA: 2.5 mg/m ³	IDLH: 250 mg/m ³ TWA: 2.5 mg/m ³

Engineering Measures	Provide appropriate exhaust ventilation at places where dust is formed.
Personal Protective Equipment	
Eye/Face Protection	Tightly fitting safety goggles.
Skin Protection	Leather 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	Viscosity	Not applicable
Color	Dark brown	Odor	Odorless
Odor Threshold	Not applicable	Appearance	Textured black paste
pH	Not applicable	Specific Gravity	No information available
Evaporation Rate	Not applicable	Percent Volatile (Volume)	No information available
VOC Content (%)	No information available	Vapor Pressure	Not applicable
Vapor Density	Not applicable	Solubility	Insoluble
n-Octanol/Water Partition	No data available	Melting Point/Range	No data available
Decomposition Temperature	No data available	Boiling Point/Range	Not applicable
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

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition
Incompatible Products	Strong oxidizing agents, Acids.
Hazardous Decomposition Products	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

U.S. State Regulations

California Proposition 65 This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

Prepared By	Christopher Drogin
Supersedes Date	02/09/2009
Issuing Date	01/15/2014
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

Trust-X by Partsmaster, Div of NCH Corp. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.