

Safety Data Sheet: SLASHER CUTOFF WHEELS

Supersedes Date 07/14/2010

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name SLASHER CUTOFF WHEELS

Recommended use Cutting

Information on Manufacturer

Trust-X by Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

Product Code 87600000

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

Acute Oral Toxicity

Category 4

Acute Inhalation Toxicity - Dusts and Mists

Category 4

Serious Eye Damage/Eye Irritation

Category 2B

Specific target organ systemic toxicity (repeated exposure)

Category 2

Other hazards

None

Labeling

Signal Word

WARNING



Hazard Statements

H302 - Harmful if swallowed

H320 - Causes eye irritation

H332 - Harmful if inhaled

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

P271 - Use in a well-ventilated area.

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

P270 - Do not eat, drink or smoke when using this product

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

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.

57 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Silicon carbide (nonfibrous)	409-21-2	60-100
Aluminum oxide	1344-28-1	10-30
Sodium aluminum fluoride	15096-52-3	3-7
Fiberglass	65997-17-3	1-5
Silicon dioxide - hydrated	7631-86-9	1-5
Iron oxide	1309-37-1	.1-1

4. FIRST AID MEASURES

General advice

Avoid breathing dust.

Eye Contact

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

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	Clean mouth with water and afterwards drink plenty of water. Get medical attention if symptoms occur. 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			
Carbon dioxide (CO2). Dry chemical. Foam. Water spray.			
Specific hazards arising from the chemical			
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.
Environmental Precautions	No special environmental precautions required.
Methods for Containment	Pick up and arrange disposal without creating dust.
Methods for Cleaning Up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Ensure adequate ventilation. Comply with RPM rating on each product . Avoid contact with skin, eyes and clothing. Keep away from flames and hot surfaces. 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 (nonfibrous)	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
Fiberglass	TWA: 1 fiber/cm ³ TWA: 5 mg/m ³	No data available	No data available
Silicon dioxide - hydrated	No data available	No data available	IDLH: 3000 mg/m ³ TWA: 6 mg/m ³
Iron oxide	TWA: 5 mg/m ³	TWA: 10 mg/m ³ TWA: 15 mg/m ³ TWA: 5 mg/m ³	IDLH: 2500 mg/m ³ TWA: 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	Wash hands before breaks and immediately after handling the product. 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 (%)	Not applicable	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	No data available
Flammability (solid, gas)	No data available	Method	Not applicable
Flash Point	The product is not flammable		
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	Carbon oxides
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	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure Eye contact, Inhalation, Skin contact.

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 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 . Prolonged exposure to elevated noise levels during operations may affect hearing .

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 (nonfibrous)	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
Fiberglass	no data available	no data available	no data available	no data available	no data available
Silicon dioxide - hydrated	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h	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
Silicon carbide (nonfibrous)	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

Sodium aluminum fluoride	no data available	no data available	no data available	no data available	system,skin eyes,CNS,respiratory system,skeleton,kidneys,s
Fiberglass	no data available	no data available	no data available	no data available	no data available
Silicon dioxide - hydrated	no data available	no data available	no data available	no data available	eyes, respiratory system
Iron oxide	no data available	no data available	no data available	no data available	respiratory system eyes,respiratory system,skin

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
Silicon carbide (nonfibrous)	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
Fiberglass	not applicable	not applicable	not applicable	not applicable	not applicable
Silicon dioxide - hydrated	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
Silicon carbide (nonfibrous)	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
Fiberglass	no data available	no data available	no data available	no data available	N/A
Silicon dioxide - hydrated	EC50 = 440 mg/L Pseudokirchneriella subcapitata 72 h	LC50 = 5000 mg/L Brachydanio rerio 96 h	no data available	EC50= 7600 mg/L 48 h	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	10-30	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
Silicon carbide (nonfibrous)	Not applicable	Not applicable
Aluminum oxide	Not applicable	Not applicable
Sodium aluminum fluoride	Not applicable	Not applicable
Fiberglass	Not applicable	Not applicable
Silicon dioxide - hydrated	Not applicable	Not applicable
Iron oxide	Not applicable	Not applicable

16. OTHER INFORMATION

Prepared By Don Stewart
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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.