

Safety Data Sheet: THE UNLOADER

Supersedes Date 07/09/2010

Issuing Date 12/20/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name THE UNLOADER

Recommended use Grinding

Information on Manufacturer

Trust-X by Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

Product Code 97704500

Chemical nature mixture

Emergency Telephone Number

CHEMTREC® 800-424-9300

Telephone inquiry

972-579-2477

2. HAZARD IDENTIFICATION

Color 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

83 % 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
Binder System	-----	10-30
Polychloroprene compound cured	9010-98-4	7-13
Silicon carbide	409-21-2	10-30
Fiberglass	65997-17-3	5-10

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			
Carbon dioxide (CO ₂). 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. Use personal protective equipment.
Environmental Precautions	No special environmental precautions required. Prevent product from entering drains.
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	Avoid breathing dust. Avoid contact with skin, eyes and clothing. Comply with RPM rating on each product .			
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
Aluminum oxide	TWA: 1 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³	No data available
Binder System	No data available	No data available	No data available
Polychloroprene compound cured	No data available	No data available	No data available
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
Fiberglass	TWA: 1 fiber/cm ³ TWA: 5 mg/m ³	No data available	No data available

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. Wash hands before breaks and immediately after handling the product. Hearing protection may be required for grinding operations . As needed hearing protection, OSHA 29CFR 1910.95 .

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	Viscosity	Not applicable
Color	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	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	Acids, Strong oxidizing agents.
Hazardous Decomposition Products	Traces of, Formaldehyde, traces of fluorinated products.
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 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 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 . For products containing Phenol and Formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction . Excessive exposure to inorganic fluorides have shown to cause excessive calcification of the bones. 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
Aluminum oxide	> 5000 mg/kg (Rat)	no data available	no data available	no data available	no data available
Binder System	no data available	no data available	no data available	no data available	no data available
Polychloroprene compound cured	no data available	no data available	no data available	no data available	no data available
Silicon carbide	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

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
Binder System	no data available	no data available	no data available	no data available	no data available
Polychloroprene compound cured	no data available	no data available	no data available	no data available	no data available
Silicon carbide	no data available	no data available	no data available	no data available	eyes,respiratory system,skin
Fiberglass	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

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

Component	ACGIH	IARC	NTP	OSHA	Other
Aluminum oxide	not applicable	not applicable	not applicable	not applicable	not applicable
Binder System	not applicable	not applicable	not applicable	not applicable	not applicable
Polychloroprene compound cured	not applicable	not applicable	not applicable	not applicable	not applicable
Silicon carbide	A2	not applicable	not applicable	not applicable	not applicable

Fiberglass	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
Binder System	no data available	no data available	no data available	no data available	N/A
Polychloroprene compound cured	no data available	no data available	no data available	no data available	N/A
Silicon carbide	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

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
Binder System	Not applicable	Not applicable
Polychloroprene compound cured	Not applicable	Not applicable
Silicon carbide	Not applicable	Not applicable
Fiberglass	Not applicable	Not applicable

16. OTHER INFORMATION

Prepared By Christopher Drogin

Supersedes Date 07/09/2010

Issuing Date 12/20/2013

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.