



SAFETY DATA SHEET

Last Revision Date 09/11/2018

Date Prepared 07/26/2018

Chisel All In One

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER

- Product Name • Chisel All In One
- Product Formula • 9853

RELEVANT IDENTIFIED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

- Relevant Use • Bio-based organic concrete remover.

SUPPLIER DETAILS

- Handy Helper Chemicals
2131 W Republic Road PVB # 321
Springfield, MO 65807
Ph: 417-224-4757
<http://www.handyhelperchemicals.com/>

SECTION 2: HAZARD IDENTIFICATION

United States (US) - According to OSHA 29 CFR 1920.1200 Hazard Communication Standard

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

- Hazard Classification • Serious Eye Damage/Eye Irritation - 2A
Skin Corrosion/Irritation - 3

LABEL ELEMENTS

- Signal Word and Pictogram • Warning
Warning

NO
SYMBOL



HAZARD STATEMENTS

- H316 Causes mild skin irritation
- H319 Causes serious eye irritation

PRECAUTIONARY STATEMENTS

- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P264 Wash thoroughly after handling.

P280	Wear protective gloves/protective clothing/eye protection/face protection.
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	If eye irritation persists: consult a doctor.

OTHER HAZARDS •



HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

SECTION 5: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS	Percent Weight
Sugar Byproducts	Proprietary	<30
2-Butoxyethanol	111-76-2	<3
No other reportable hazardous materials.	N/A	

SECTION 6: FIRST AID MEASURES

- INHALATION** • If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Call a physician immediately.
- SKIN** • Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician if irritation persists. Wash clothing before reuse.
- EYE** • Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician if irritation persists.
- INGESTION** • Do not induce vomiting. Never give anything by mouth to an unconscious person. Dilute by drinking two large glasses of water. Call a physician immediately.

SECTION 7: FIRE FIGHTING INSTRUCTIONS

SUITABLE EXTINGUISHING MEDIA • Use non-flammable or non-explosive extinguishing media.

SPECIFIC HAZARDS • No known unusual hazards in a fire or explosion situation.

SPECIAL PROTECTIVE ACTIONS FOR FIREFIGHTERS • In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- FOR NON-EMERGENCY PERSONNEL**
- For non-emergency personnel, ventilate area of leak or spill and remove all ignition sources. Wear appropriate personal protective equipment as required to prevent any contamination of skin, eyes, and personal clothing. Isolate release area. Do not touch or walk through spilled material unless wearing the appropriate protective equipment. Keep unnecessary and unprotected personnel from entering.

- FOR EMERGENCY RESPONDERS**
- For emergency responders, as an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep out of low areas. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

ENVIRONMENTAL PRECAUTIONS

- ACCIDENTAL RELEASE ENVIRONMENTAL**
- Stop leak if you can do it without risk. If possible, keep from entering into drains, surface water, or ground water. This product is biodegradable.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

- CONTAINMENT AND CLEANUP**
- Contain and recover liquid when possible. Cover drains or cap spill when safe. Collect liquid in an appropriate container or absorb with an inert material (e.g. vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Small spills may be flushed to the sanitary sewer with approval from local authorities.

- PRECAUTIONS FOR SAFE HANDLING**
- Protect against physical damage. Store in a cool, dry well-ventilated location. Avoid storing in direct sunlight when possible. Separate from incompatible materials such as strong acids or strong bases. Do not store in containers made from soft metals such as aluminum, magnesium, zinc, or galvanized steel.

- CONDITIONS FOR SAFE STORAGE AND INCOMPATIBILITIES**
- Protect against physical damage. Store in a cool, dry well-ventilated location. Avoid storing in direct sunlight when possible. Separate from incompatible materials such as strong acids or strong bases. Do not store in containers made from soft metals such as aluminum, magnesium, zinc, or galvanized steel.

CONTROL PARAMETERS

Chemical Identity	CAS	TLV
Sugar Byproducts	Proprietary	N/E
2-Butoxyethanol	111-76-2	50 ppm
No other reportable hazardous materials.	N/A	N/A

APPROPRIATE ENGINEERING CONTROLS

- Use adequate ventilation systems as needed to maintain air concentrations below occupational exposure standards.

INDIVIDUAL PROTECTIONS MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

EYE / FACE PROTECTION • Chemical safety glasses.

SKIN PROTECTION • Nitrile gloves.

RESPIRATORY PROTECTION • None required under normal use.

Appearance	Clear liquid.	Lower Limits	Not available.
Odor	Light chemical odor.	Vapor Pressure	Not available.
pH	2.2 - 2.8 neat	Vapor Density	Not available.
Melting Freezing Point	Not available.	Relative Density	1.06 g/ml
Initial Boiling Point	Not available.	Solubility	Miscible with water.
Flash Point	DNF	Partition Coefficient	Not available.
Evaporation Rate	Not available.	Auto Ignition Temp	Not available.
Flammability	Not available.	Decomposition Temp	Not available.
VOC (g/L)	0 g/L	Viscosity	Not available.

Reactivity • No dangerous reaction known under conditions of normal use.

Chemical Stability • Stable under normal temperatures and pressures.

Possibility of Haz Rxns • Will not occur.

Conditions to Avoid • No unusual conditions.

Incompatible Materials • Do not mix with strong acids or bases. Do not mix with any other chemical unless instructed to do so by the manufacturer.

Hazardous Decomposition • In case of fire, oxides of carbon, hydrocarbons, fumes or vapors, soot, and smoke may be produced.

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity No specific information available for mixture.

Skin Corrosion/Irritation No specific information available for mixture.

Serious Eye Damage/Irritation No specific information available for mixture.

Respiratory or Skin Sensitization No specific information available for mixture.

Germ Cell Mutagenicity No specific information available for mixture.

Carcinogenicity No specific information available for mixture.

Reproductive Toxicity No specific information available for mixture.

STOT Single Exposure No specific information available for mixture.

STOT Repeated Exposure No specific information available for mixture.

Aspiration Hazard No specific information available for mixture.

Target Organs Skin.

Routes of Entry Exposure Ingestion, inhalation, skin, eye. Ingestion, inhalation, skin, eye.

POTENTIAL HEALTH EFFECTS

- INHALATION ACUTE** • May irritate nose, throat and lungs.
- INHALATION CHRONIC** • Vapors or mists may aggravate pre-existing lung conditions.
- SKIN ACUTE** • May cause irritation. Prolonged exposure may cause redness or pain. and should be avoided.
- SKIN CHRONIC** • Sensitivity of the skin may occur with repeated, prolonged exposure.
- EYE ACUTE** • May cause redness, tearing, swelling and pain. Prolonged exposure to eyes should be avoided.
- EYE CHRONIC** • No data available.
- INGESTION ACUTE** • May irritate gastrointestinal tract. Ingestion of large amounts may cause nausea, vomiting and diarrhea.
- INGESTION CHRONIC** • No data available.

TOXICITY • Not enough information on the mixture is available.

PERSISTENCE & BIODEGRADABILITY • Not enough information on the mixture is available. The components of the mixture are determined as either readily biodegradable or inherently biodegradable. It is

BIOACCUMULATIVE POTENTIAL • Not enough information on the mixture is available.

MOBILITY IN SOIL • Not enough information on the mixture is available.

OTHER ADVERSE EFFECTS • Not enough information on the mixture is available.

DISPOSAL CONSIDERATIONS • Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

TRANSPORT ENVIRONMENTAL HAZARDS • Not regulated by D.O.T.
 • None known.

SPECIAL PRECAUTIONS • None known.

SARA TITLE III INFORMATION

Chemical Identity

CAS / CAT CODE PERCENT WT

None Reportable

OTHER REGULATORY INFORMATION

- **TSCA (Toxic Substance Control Act):** All ingredients of this product are listed on the TSCA inventory.
- **CARCINOGENICITY:** Not listed by IARC, NTP, or OSHA.

- **CALIFORNIA PROPOSITION 65:** This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins which would be subject to the proposition.

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KEY TO ABBREVIATIONS

N/E = Not Established. CAS = Chemical Abstract Service. ppm = Parts Per Million
g/L = Grams per Liter mg/m³ = milligrams per cubic meter

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