



Safety Data Sheet Concrete Remover

SECTION 1: Identification

GHS Product identifier

Product name Concrete Remover

Product number p41dxx

Brand Dr. Beasley's

Recommended use of the chemical and restrictions on use
Concrete removal product

Supplier's details

Name Dr. Beasley's
Address 1439 W Shakespeare Ave
Chicago IL 60614
US

Telephone 773-404-1600

Emergency phone number
CHEMTREC 24 Hours/day; 7 Days/week
USA and Canada - Toll Free: 800-424-9300
USA and Canada - Local: +1-703- 527-3887

SECTION 2: Hazard identification

CLASSIFICATIONS OF THE SUBSTANCE OR MIXTURE

GHS PRODUCT CLASSIFICATION

Acute Toxicity, Oral
Skin Irritation
Eye Damage/Irritation
Acute Toxicity, Inhalation

GHS CLASSIFICATION

Category 5
Category 2
Category 2B
Category 4

Pictograms



Signal word

Warning

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Hazard Statements:

Ingestion	H303: Harmful if swallowed.
Skin	H315: Causes skin irritation.
Eyes	H320: Causes eye irritation.
Inhalation	H332: Harmful if inhaled.

Precautionary Statements:

P202: Do not handle until all safety precautions have been read and understood.
P233: Keep container tightly closed.
P261: Avoid breathing dust/fume/mist/vapors/spray/aerosol.
P262: Do not get in eyes, on skin or on clothing.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink, or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection.
P281: Use personal protective equipment as required.

SECTION 3: Composition/information on ingredients

Mixtures

Component	Concentration
Trade Secret	0.375 - 1.5 % (weight)*

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

Description of necessary first-aid measures

Eye Contact:

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 advice/attention.

Skin Contact:

P350: Gently wash with plenty of soap and water.

P303/P361/P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P332/P313: If skin irritation occurs: Get medical advice/attention.

P361/P364: Do not reuse clothing or shoes until thoroughly cleaned.

Inhalation:

P304/P341: IF INHALED: If breathing is difficult, remove subject to fresh air and keep at rest position comfortable for breathing.

P309/P313: If exposed or you feel unwell, get medical advice/attention.

Ingestion:

P301/P331/P330: IF SWALLOWED: Do NOT induce vomiting. Rinse mouth.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P315: Get immediate medical advice/attention.

P501: Dispose contents/container in accordance with local/regional/national/international regulation(s).

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SECTION 5: Fire-fighting measures

Extinguishing Media: This product is not expected to ignite under normal conditions.

Flash Point: Not available

Flash Point Method: Not available

Auto Ignition Temperature: Not available

Flammability Classification: This product is not expected to burn under normal conditions.

Unusual Fire or Explosion Hazards: Not applicable

NFPA Rating: Health – 1 Flammability – 0 Reactivity – 0

HMIS Rating: Health – 2 Flammability – 0 Reactivity – 0

Combustion Products: Carbon monoxide and carbon dioxide can form. Hydrogen chloride. Smoke, Fumes.

Fire Fighting Instructions Use acceptable firefighting techniques. Firefighters should wear proper protective And Equipment: equipment and clothing including respiratory protection (positive pressure if available).

Hazard Rating

NFPA Code: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

HMIS Code: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

SECTION 6: Accidental release measures

Personal Protective Equipment must be worn. See Personal Protection Section 8 for PPE recommendations.

Spill / Leak Procedures:

Stop spill at source if possible. Prevent entry into sewers and waterways. Contain spill. Ventilate area if spilled in a confined space or other poorly ventilated areas. Neutralize spills with lime or soda ash. Residual liquid can be absorbed in inert material. Flush spill area with plenty of water.

Waste Disposal:

Dispose of in accordance with Local, State and Federal Environmental Regulations. Determine waste classification at time of disposal – conditions of use may render the spent product hazardous waste.

SECTION 7: Handling and storage

Work/Hygienic Practices:

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Do not use gasoline, solvents, kerosene or other harsh or abrasive skin cleaners for washing exposed skin areas. Take a shower after use if general contact occurs. Wash thoroughly after handling. Launder articles before reuse and discard saturated articles that cannot be cleaned thoroughly.

General Handling Procedures:

Wear water/oil resistant gloves and protective clothing. (Nitrile or Neoprene). Wear chemical goggles with side shields. Keep containers closed when not in use. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near containers. Empty containers contain product residue which may exhibit hazards of the product. Maximum handling temperature has not been determined.

Storage Procedures: Keep containers sealed and store upright when not in use. Rotate stock. Store in clean, dry containers at ambient temperatures and it should remain stable unless it is contaminated. Do NOT store at temperatures great than 1200F (490C). Maximum storage temperature has not been determined. **Protect from freezing.**

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SECTION 8: Exposure controls/personal protection

Ventilation Procedures: Use with adequate ventilation to control vapor concentrations.

Skin Protection: As needed to prevent repeated skin contact. Impervious or neoprene gloves should be used when contact can occur. Wash hands thoroughly after handling. A rubber apron or suit is recommended. Use chemically protective boots when necessary to avoid contaminating shoes. Do NOT wear rings, watches or similar apparel that could entrap the material and cause skin irritation.

Eye Protection: Wear safety glasses with side shields or full face shield as needed.

Respiratory Protection: Use NIOSH/MSHA approved respirator with a dust mist cartridge.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Color	Light Yellow
Odor	Mild fruity
Odor threshold	No data available.
Melting point/freezing point	>2080F, 980C / 320F, 00C
Boiling point or initial boiling point and boiling range	No data available.
Flammability	Non-flammable
Lower and upper explosion limit/flammability limit	No data available.
Flash point	None (Water based solution)
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
pH	No data available.
Kinematic viscosity	No data available.
Solubility	Miscible in water
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	No data available.
Density and/or relative density	(H2O=1) =1.008
Relative vapor density	(Air=1.0): >1

SECTION 10: Stability and reactivity

Stability:

Product as supplied is stable.

Hazardous Decomposition Products:

Strong oxidizing agents and acids. Do not use with nitrites. Reacts with active metals.

SECTION 11: Toxicological information

Information on toxicological effects

Eye Effects:

Will cause irritation on contact, may be severe if not immediately removed.

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Skin Effects:

May cause mild irritation on contact. Prolonged or repeated contact, as from wet clothing, may cause drying, defatting of skin and dermatitis. An ingredient in this product may be absorbed through the skin.

Respiration Irritation:

If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract and is pronounced from heat. Based on data from components or similar materials.

Chronic Toxicity:

No data available to indicate product or components present at greater than 1% are chronic health hazards.

Oral Toxicity:

Will cause nausea, vomiting and diarrhea if ingested. Acute oral toxicity (LD-50 oral) 1,950 mg/kg.

Reproductive Toxicity:

No data available to indicate either product or components present at greater than 0.1% may cause reproductive toxicity.

Carcinogenicity:

This material is not considered to be carcinogenic under IARC.

Mutagenicity:

No data available to indicate either product or components present at greater than 0.1% are mutagenic or genotoxic.

Teratogenicity:

No data available to indicate either product or components present at greater than 0.1% may cause birth defects.

SECTION 12: Ecological information

Freshwater Fish Toxicity: Slight 24-48 HR LC50, Bluegill Sunfish: 93 MG/L – 96 HR LC50, Fathead Minnows: 164 Mg/L

Saltwater Fish Toxicity: Not Applicable

Miscellaneous Toxicity: Not Applicable

Algal Inhibition: Not Applicable

Bacteria Toxicity: Not Applicable

Biodegradation: Yes, (B.O.D.) Test – F Factor (0.28)

Soil Mobility: Not Applicable

Bioaccumulation: Not Applicable

Freshwater Invertebrates Toxicity: Not Applicable

Eco toxicity: Not Applicable

SECTION 13: Disposal considerations

Product: Comply with Federal, State and Local regulations regarding chemical wastes. Do not flush to drain or storm sewer. Contact authorized disposal service. If approved, neutralize with lime or soda ash and flushed with wastewater treatment system. This material may be a RCRA Hazardous waste due to its corrosive characteristics.

Packaging, Empty: Unclean containers should be disposed of in compliance with all relevant Federal, State and Local laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes. Receiver of container should be informed about the potential hazards as described in this Safety Data Sheet.

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SECTION 14: Transport information

U.S. Shipping Information: CFR 49 Section 173.24: Non Corrosive

N.A.C.E. (ASTM G-31): Non Corrosive

REGULATION BY: D.O.T. and I.M.O.: Non-Hazardous.

H.S. Tariff #: 3402.90.50.30

Schedule B #: 3402.90.50.30

SHIPPING CLASS: 55

SARA Extremely Hazardous Substance: NO

ERCLA Hazardous Substance: NO

SARA Toxic Chemical: NO

N.M.F.C. #: 48580 – Sub 3 – Cleaning, Scouring or Washing Compounds, N.O.I., Liquid

Canadian Shipping Information: Not regulated under Transportation of Dangerous Goods Act.

SECTION 15: Regulatory information

US TSCA Inventory Status:

The components of this product are listed, or are exempt from TSCA Chemical Substances Inventory. National, State and Local regulations pertaining to prevention of water pollution must be adhered to.

SARA Title III Sec. 302/304 Extremely Hazardous Substances:

This product does not contain substances under section 302/304

SARA Sec. 311/312:

Acute Health Hazard

SARA Title III Sec. 313:

This product does not contain greater than 1% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

TDG Regulated Limits:

None Known

V.O.C. Compliant:

Yes

Canada:

WHMIS Classification E. All components are in compliance with the Canadian Protection Act and are present on the Domestic Substances List.

California Proposition 65: WARNING: Cancer and reproductive harm. Please visit: www.P65Warnings.ca.gov

SECTION 16: Other information

Abbreviations:

ACGIH (American Conference of Governmental Industrial Hygienists); ANSI (American National Standards Institute); CAS (Chemical Abstract Service); CERCLA (Comprehensive Environmental Response, Compensation, & Liability Act); CFR (Code of Federal Regulations); CHIP (Chemicals Hazard Information & Packaging for Supply); COC Cleveland Closed Cup); CONCAWE (European Organization for Environment, Health & Safety); CPR

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(Controlled Products Regulations); DOL (Department of Labor); EEC (European Economic Community Directives); EINECS (European Inventory of Existing Commercial Chemical Substances); EL50 (Effective loading rate required to immobilize 50% invertebrate species); ELINCS (European List of New Chemical Substances); EPA (Environmental Protection Agency); EPCRA (Emergency Planning & Community Right-To-Know Act of 1986); EU (European Union); FDA (Food & Drug Administration-USA); GHS (Global Harmonization System); HCS (Hazard Communication Standard); IARC (International Agency for Research on Cancer); ILO (International Labor Organization); LC50 (Lethal Concentration 50% test organisms); LD50 (Lethal Dose 50% test organisms); LVPVOC (Low Vapor Pressure Volatile Organic Compound); MSDS (Material Safety Data Sheet); SDS (Safety Data Sheet); MSHA (Mine Safety & Health Administration); NIOSH (National Institute of Occupational Safety & Health); NTP (National Toxicology Program); NOS (Not Otherwise Specified); OSHA (Occupational Safety & Health Administration); PEL (Permissible Exposure Limit); Prop 65 (California Proposition 65); PMCC (Pensky Martin Closed Cup); RCRA (Resource Conservation & Recovery Act); RTK (Right-To-Know); R-Phrases (EU Risk Phrases); S-Phrases (EU Safety Phrases); SARA (Superfund Amendments & Reauthorization Act); TDG (Transport Dangerous Goods); TSCA (Toxic Substances Control Act); TSL (Toxic Substance List); TLV (Threshold Limit Value); VOC (Volatile Organic Compounds); WHMIS (Workplace Hazardous Materials Information System-Canada); IrL50 (Inhibitory loading rate required to reduce algal growth rate by 50%); IbL50 (Inhibitory loading rate required to reduce area under growth curve or biomass by 50%); ppm (parts per million); mg/m³ (milligrams per cubic meter); N (no); Y (yes)

Further information/disclaimer

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