



Diversified Chemical Products, Inc.
60 Germay Drive
Wilmington, Del. 19804

Safety Data Sheet (SDS)
OSHA HazCom Standard 29 CFR 1910.1200.

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: Plaster and Stone Remover

Product Number: DP2400

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SECTION 2 – HAZARD(S) IDENTIFICATION

Classification of the substance or mixture



Warning

Causes skin irritation.

May form combustible dust concentration in air.

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



Signal word: Warning

Hazardous statements

Causes skin irritation.

May form combustible dust concentration in air.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

Wash thoroughly after handling.

Take off contaminated clothing and wash before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 IF ON SKIN: Wash with plenty of water.
 If skin irritation occurs: wash affected area thoroughly, if irritation continues get medical advice/attention.
 IF SWALLOWED: Rinse mouth. Do Not induce vomiting. Call a POISON CENTER/doctor if you feel unwell.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:**NFPA ratings (scale 0 - 4)**

Health = 2
 Fire = 1
 Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 2
 Fire = 1
 Reactivity = 0

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**Chemical characterization: Mixtures**

Description: Mixture of the substances listed below with nonhazardous additions.

Components:

CAS No.	Description	% Range	GHS-US classification
CAS: 6132-04-3	Trisodium Citrate	90-99%	None known
CAS: 532-32-1	Sodium Benzoate	1-10%	Skin Irrit. 2, H315 Eye Irrit. 2, H319

SECTION 4 - FIRST AID INFORMATION**Description of first aid measures****General information:**

Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

After inhalation:

Take affected persons into fresh air and keep quiet.

If having difficulty breathing, contact emergency personnel immediately.

In case of unconsciousness, place patient securely on side position for transportation.

After skin contact:

Remove contaminated clothing. Wash clothing before reuse.

Immediately wash with water and soap and rinse thoroughly.

If irritation occurs consult a doctor.

After eye contact:

Hold eyelids apart and flush eyes with plenty of water for at least 20 minutes.

If eye irritation persists seek medical treatment.

After swallowing:

Give large amounts of water.

Do not induce vomiting and call for medical help.

Most important symptoms and effects, both acute and delayed

Coughing and irritation. See Section 8

Information for doctor:

(Continued of page 2)

Treat symptomatically.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5 - FIRE-FIGHTING INFORMATION**Extinguishing media****Suitable extinguishing agents:**

Use water spray, dry chemical, or foam. Carbon dioxide may be ineffective on larger fires due to a lack of cooling capacity which may result in reignition.

Special hazards arising from the substance or mixture

Unusual fire/explosion hazards: Concentrated dust/air combinations may produce explosive conditions. As with all organic dusts, fine particles suspended in air in critical proportions and in the presence of an ignition source may ignite and/or explode. Dust may be sensitive to ignition by electrostatic discharge, electrical arcs, sparks, welding torches, cigarettes, open flame, or other significant heat sources. As a precaution, implement standard safety measures for handling finely divided organic powders. See Section 7 for suggested measures.

Hazardous combustion products: Irritating or toxic substances may be emitted upon burning, combustion or decomposition. See section 10 for additional information.

Advice for firefighters**Protective equipment:**

Water spray (fog) can be used to absorb heat and to cool and protect surrounding exposed material. Avoid hose streams or any method which will create dust clouds. Wear self-contained breathing apparatus (SCBA) equipped with a full face piece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations. See section 8 for additional information.

SECTION 6 - ACCIDENTAL RELEASE INFORMATION**Personal precautions, protective equipment and emergency procedures:**

See Section 8 for recommendations on the use of personal protective equipment. If spilled in an enclosed area, ventilate. Avoid raising powdered material due to explosion hazard. Use spark-proof and explosion-proof equipment. If inhalation of dust cannot be avoided, wear an approved particulate respirator. Personal Protective Equipment must be worn.

Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Contain spill. Wear proper personal protective clothing and equipment. Using care to avoid dust generation, vacuum or sweep into a closed container for reuse or disposal. Use approved industrial vacuum cleaner for removal. Avoid causing dust. Place into labeled, closed container; store in safe location to await disposal. Change contaminated clothing and launder before reuse.

SECTION 7 - HANDLING AND STORAGE**Precautions for safe handling:**

As with any chemical product, use good laboratory/workplace procedures. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Avoid eye and skin contact. Avoid drinking, tasting, swallowing or ingesting this product. Avoid routine inhalation of dust of any kind. Exercise care when emptying containers, sweeping, mixing or doing other tasks which can create dust. Wash contaminated clothing before reuse. Provide eyewash fountains and safety showers in the work area. As a precaution

to control dust explosion potential, implement the following safety measures: Eliminate ignition sources (e.g., sparks, static buildup, excessive heat, etc.). In general, dust of organic materials is a static charge generator which may be ignited by electrostatic discharge, electrical arcs, sparks, welding torches, cigarettes, open flame, or other significant heat sources. Use spark-proof tools and equipment. Bond, ground and properly vent conveyors, dust control devices and other transfer equipment. Prohibit flow of polymer, powder or dust through non-conductive ducts, vacuum hoses or pipes, etc.; only use grounded, electrically conductive transfer lines when pneumatically conveying product. Good housekeeping and controlling of dusts are necessary for safe handling of product. Prevent accumulation of dust (e.g., well-ventilated conditions, promptly vacuuming spills, cleaning overhead horizontal surfaces, etc.).

Conditions for safe storage, including any incompatibilities

Store cool and dry, under well-ventilated conditions. Store this material away from incompatible substances (see section 10). Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Do not reuse empty container without commercial cleaning or reconditioning. Product will absorb water vapor (hygroscopic).

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Components with occupational exposure limits:

Chemical Name	ACGIH TLV	OSHA PEL	Mexico	NIOSH
Particulates not otherwise regulated	TWA: 10 mg/m ³ inhalable particles, recommended TWA: 3 mg/m ³ respirable particles, recommended	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction	Not listed	Not listed

Engineering Measures

Ensure adequate ventilation especially in confined areas.

Personal Protective Equipment:

Eye/face protection: Safety glasses or goggles required.

Skin and body protection: Wear protective gloves. Use good laboratory/workplace procedures including personal protective clothing: lab coat, safety glasses and protective gloves.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. If inhalation of dust cannot be avoided, wear an approved particulate respirator.

Further information: Eyewash fountains and safety showers are recommended in the work area.

Protection:



Safety Goggles



Protective Gloves



Respirator

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties****General Information****Appearance:**

Form: Powder

Color: White powder/green solution

Odor: No significant odor

Odor threshold: Not determined

pH (1% solution): 8.75 ± 0.75**Boiling Point:** 212°F (liquid)**Vapor Pressure (mmHg):** NA**Freezing Point:** <0°C**Vapor Density (Air-1):** NA**Evaporation Rate (nBuOAc-1):** Not determined**Percent Volatile by Volume (%):** NA**Scoop Density:** NA**Solubility in Water:** >10%**Coefficient of Water/Oil Distribution:** NA**Reserve Alkalinity:** Not determined**SECTION 10 – STABILITY AND REACTIVITY****Reactivity** No further relevant information available.**Chemical stability** Product is stable under normal conditions.**Thermal decomposition / conditions to be avoided:**

Carbon dioxide and carbon monoxide may form when heated to decomposition

Conditions to avoid:

Avoid static discharge, excessive heat and ignition sources and dust formulation.

Incompatible materials:

Avoid strong acids and oxidizing agents. Avoid contact with iron salts.

SECTION 11 – TOXICOLOGICAL INFORMATION**Information on toxicological effects****Acute toxicity****LD/LC50 values that are relevant for classification**

Sodium Citrate (CAS: 68-04-2)

LD50 oral rate >8000 mg/kg (rat)

Sodium Benzoate (CAS: 532-32-1)

LD50 oral rate >2000 mg/kg (rat)

LD50 dermal rate >2000 mg/kg (rabbit)

Primary irritant effect:**Acute toxicity** Based on available date; no evidence of acute toxicity.**Skin corrosion/irritation** Based on available date; not or slightly irritating.**Serious eye damage/eye irritation** Based on available date; no evidence of serious eye damage/irritation.**Respiratory or skin sensitization** Based on available date; not expected to be a skin or respiratory sensitizer.**Germ cell mutagenicity** Based on available date; the classification criteria are not met.**Carcinogenicity** Based on available date; no evidence of carcinogenicity. There are no known carcinogenic chemicals in this product.**Reproductive toxicity** Based on available date; no evidence of reproductive toxicity.**STOT – single exposure** No evidence of toxicity.**STOT – repeated exposure** No evidence of toxicity.**Aspiration hazard** Based on available date; no known aspiration hazard.

SECTION 12 – ECOLOGICAL INFORMATION**Ecotoxicity**

Contains no substance known to be hazardous to the environment.

Chemical Name	Fresh Water Algae	Acute Fish Toxicity	Daphnia (Water flea)	Effects on micro-organisms	Other
Sodium citrate	EC50: 96h 18000-32000 mg/L	EC50: 96h 18000-32000 mg/L	EC50: 96h 18000-32000 mg/L		
Sodium benzoate	EC50: >30.5 mg/L	NOEC: 10 mg/L	EC50: NE		

Persistence/Degradability: Inherently biodegradable.

SECTION 13 – DISPOSAL CONSIDERATIONS**Waste disposal methods**

Waste disposal recommendation Observe all federal, state and local environmental regulations when disposing of this material. Can be landfilled or incinerated when in compliance with local regulations.

Contaminated packaging Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal.

SECTION 14 – TRANSPORT INFORMATION*UN-Number*

DOT, ADR, ADN, IMDG, IATA

Non-Regulated Material

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA

Non-Regulated Material

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA

Class

Non-Regulated Material

Packing group

DOT, ADR, IMDG, IATA

Non-Regulated Material

*Environmental hazards:**Marine pollutant:*

No

Special precautions for user

Not applicable

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code

Not applicable

UN "Model Regulation":

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SECTION 15 – REGULATORY INFORMATION**United States of America****Federal Regulations****Ozone Depleting Substances:**

No Class I or Class II material is known to be used in the manufacture or contained in this product.

SARA 313

Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 (SARA). This product is not known to contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 372.

SARA 303

Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 (SARA). This product is not known

to contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 302.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 63)

This product is not known to contain any HAPs.

State Regulations

State Right-To-Know

CAS# 532-32-1 Sodium Benzoate

Canada

WHMIS Product Classification

Sodium benzoate is a WHMIS controlled product.

WHMIS Ingredient Disclosure List IDL

Sodium benzoate is listed on the WHMIS ingredients disclosure list.

(NPRI) Canadian National Pollutant Release Inventory

No known components are listed on NPRI.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

SECTION 16 – OTHER INFORMATION

Abbreviations and acronyms:

ACGIH TLV	American Conference of Governmental Industrial Hygienists Threshold Limit Values
CAS	Chemical Abstract Service
DOT	U.S. Department of Transportation
EC50	Half maximal effective concentration
IATA	International Air Transport Association Dangerous Goods Regulations
ICAO	International Civil Aviation Organization
IMO	International Maritime Organization
LC50	Lethal concentration that produces fatalities in 50% of a given test population
LD50	Median lethal dose of a given test population
MEXICO	Mexico Occupational Exposure Limits
NFPA	National Fire Protection Association
NIOSH	National Institute of Occupational Safety and Health
OSHA PEL	Occupational Safety and Health Administration Permissible Exposure Limits
STOT	Specific Target Organ Toxicity
TDG	Transportation of Dangerous Goods (Transport Canada)
WHMIS	Workplace Hazardous Materials Information System

Revision Summary Replaces Rev 6 issued on 28-November-2014. Complies with GHS OSHA requirements.

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