

Safety Data Sheet DURA-MIX

SECTION 1: Identification

1.1 Product identifier

Product name	DURA-MIX
Product number	DURA-MIX
Brand	Harbor Point

1.4 Supplier's details

Name	Harbor Point Minerals
Address	71 Wurz Ave Utica, NY 13502 United States
Telephone	315-797-1300
Fax	315-797-5883
email	keith@harborpointminerals.com

1.5 Emergency phone number(s)

1-800-424-9300

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Acute toxicity, inhalation (chapter 3.1), Cat. 4
- Acute toxicity, dermal (chapter 3.1), Cat. 2
- Carcinogenicity (chapter 3.6), Cat. 1A
- Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



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Signal word

Warning

Hazard statement(s)

H332

Harmful if inhaled

H310

Fatal in contact with skin

H350

May cause cancer

H373

May cause damage to organs through prolonged or repeated exposure

Precautionary statement(s)

P261

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

P271

Use only outdoors or in a well-ventilated area.

P304+P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312

Call a POISON CENTER/doctor/... if you feel unwell.

P262

Do not get in eyes, on skin, or on clothing.

P264

Wash ... thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P280

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

P302+P352

IF ON SKIN: Wash with plenty of water/...

P310

Immediately call a POISON CENTER/doctor/...

P321

Specific treatment (see ... on this label).

P361+P364

Take off immediately all contaminated clothing and wash it before reuse.

P405

Store locked up.

P501

Dispose of contents/container to ...

P201

Obtain special instructions before use.

P202

Do not handle until all safety precautions have been read and understood.

P308+P313

IF exposed or concerned: Get medical advice/attention.

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

P314

Get medical advice/attention if you feel unwell.

SECTION 3: Composition/information on ingredients

3.1 Substances

Other names / synonyms

Hoof-Batch

Hazardous components

1. Copper (II) sulfate

Concentration

39.6 %

EC no.

231-847-6

CAS no.

7758-98-7

Index no.

029-004-00-0

2. Zinc sulfate Heptahydrate

Concentration

29.95 %

CAS no.

7446-20-0

3. SODIUM CHLORIDE

Concentration

19.55 %

CAS no.

7647-14-5

4. Ammonium Sulfate

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Concentration	9.9 %
EC no.	235-186-4
CAS no.	12125-02-9
Index no.	017-014-00-8

5. Bentonite	
Concentration	1 %
CAS no.	1302-78-9

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	May aggravate pre-existing conditions. Respiratory irritation could be expected from the inhalation of Premix dust.
If inhaled	Remove to fresh air and seek medical attention if res and irritated.
In case of skin contact	Wash with soap and water. Seek medical attention if red and irritated.
In case of eye contact	Flush eyes immediately with water for at least fifteen minutes. Seek medical attention if irritation persists.
If swallowed	Induce vomiting immediately by giving two glasses of water and sticking fingers down throat. Never give anything by mouth to an unconscious person. Call a Physician immediately.
Personal protective equipment for first-aid responders	Ensure that first responders are aware of materials involved, take precautions to protect themselves and prevent spread of contamination.

4.2 Most important symptoms/effects, acute and delayed

No information available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat Symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Foam, CO2, dry chemical, or water.

5.2 Specific hazards arising from the chemical

Non-Combustible.

5.3 Special protective actions for fire-fighters

In the event of fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION 6: Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures

Should a spill occur, ventilate area. Clean-up personnel require respiratory protection. Recover uncontaminated material for use. Vacuum or sweep remaining material, keep dust to a minimum.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protect packaging from damage and keep closed when not in use.

7.2 Conditions for safe storage, including any incompatibilities

Store in dry area.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. COPPER SULFATE PENTAHYDRATE (CAS: 7758-99-8)
2. Zinc sulfate monohydrate (CAS: 7733-02-0)
3. SODIUM CHLORIDE (CAS: 7647-14-5)
4. Ammonium chloride (CAS: 12125-02-9)
5. AB20

8.2 Appropriate engineering controls

Showers, Eyewash Stations, Ventilation Systems

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Handle in accordance with good industrial hygiene and safety practices.
Tight sealing safety goggles

Skin protection

No special precautions necessary.

Body protection

No special precautions necessary.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations.

Environmental exposure controls

See Section 12

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

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Appearance/form (physical state, color, etc.)	White, gray, red and brown mixture of of minerals.
Odor	No information
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	N/A
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	No information
Vapor pressure	No information
Vapor density	No information
Relative density	No information
Solubility(ies)	No information
Partition coefficient: n-octanol/water	No information
Auto-ignition temperature	No information
Decomposition temperature	No information
Viscosity	No information
Explosive properties	No information
Oxidizing properties	No information

SECTION 10: Stability and reactivity

10.2 Chemical stability

Stable under ordinary conditions of use and storage.

10.4 Conditions to avoid

Extreme heat.

10.5 Incompatible materials

N/A

10.6 Hazardous decomposition products

May decompose if heated to produce irritating or toxic combustion products

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

No known significant effects or critical hazards.

Serious eye damage/irritation

Irritating to eyes.

Respiratory or skin sensitization

No known significant effects or critical hazards.

Germ cell mutagenicity

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No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information

Summary of evaluation of the CMR properties

No information available

STOT-single exposure

No information

STOT-repeated exposure

No information

Aspiration hazard

No information

Additional information

Chronic toxicity may cause adverse liver effects.

Target organ effects: Eyes, kidney, liver, respiratory, and/or skin.

Copper and zinc may have oral lethal doses in the range of 50 to 500mg/kg.

Ingestion of large doses of mineral salts usually causes vomiting. The acute effects are described as nausea, chills, and diarrhea.

Eye or skin irritation may occur following ingredient contact.

SECTION 12: Ecological information

Toxicity

Very toxic to aquatic life with long lasting effects.

Persistence and degradability

No information available

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Other adverse effects

No information available

SECTION 13: Disposal considerations

Disposal of the product

Refer to all Federal, State, and Local regulations prior to disposal of container and any unused contents by: reuse,

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recycle, or disposal. Disposal should be in accordance with applicable regional, national, and local laws and regulations. Avoid runoff to waterways and sewer. Recover or recycle if possible.

Other disposal recommendations

Do not reuse containers.

SECTION 14: Transport information

DOT (US)

UN Number: 3077

Class: 9

Packing Group: III

Proper Shipping Name: Environmentally Hazardous substance, solid, N.O.S

Reportable quantity (RQ):

Marine pollutant: Yes

Poison inhalation hazard: No information

IMDG

UN Number: UN3077

Class: 9

Packing Group: III

EMS Number: F-A, S-F

Proper Shipping Name: Environmentally Hazardous substance, solid, N.O.S

IATA

UN Number: UN3077

Class: 9

Packing Group: III

Proper Shipping Name: Environmentally Hazardous substance, solid, N.O.S

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

Chemical name: Cupric sulfate

CAS number: 7758-98-7

New Jersey Right To Know Components

Common name: CUPRIC SULFATE

CAS number: 7758-98-7

Pennsylvania Right To Know Components

Chemical name: Sulfuric acid copper(2+) salt (1:1)

CAS number: 7758-98-7

Massachusetts Right To Know Components

Chemical name: Ammonium chloride

CAS number: 12125-02-9

New Jersey Right To Know Components

Common name: AMMONIUM CHLORIDE

CAS number: 12125-02-9

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Pennsylvania Right To Know Components

Chemical name: Ammonium chloride

CAS number: 12125-02-9

15.2 Chemical Safety Assessment

SARA Title III Section 313 Supplier Notification:

This product may contain the following toxic chemicals subject to reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40CFR 372.45

Copper compounds 1-99%

Zinc Compounds 1-99%

HMIS Rating

DURA-MIX	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

NFPA Rating



SECTION 16: Other information

No information available

16.1 Further information/disclaimer

Disclaimer: Such information is to the best of Harbor Point Minerals knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.