

# Premium Contractor Grade Safety Melt

## Midwest Bagging Solutions

### Safety Data Sheet

Revision date: 6 December 2019  
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#### 1. Product and Company Identification

##### 1.1 Product identifiers

Product Name	Premium Contractor Grade Safety Melt
Producer	Midwest Bagging Solutions
Product Number	No data available
CAS-No.	Mixture

##### 1.2 Identified uses of the product and uses advised against

Identified Uses	Ice melt
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##### 1.3 Details of the chemical supplier

Company	Midwest Bagging Solutions
Address	13336 B Street Omaha, NE 68144 USA
Telephone:	402-637-0200

##### 1.4 Emergency phone number

Emergency phone number	402-306-2263
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#### 2. Hazards Identification

##### 2.1 Classification of the substance or mixture

GHS Class	Not a hazardous substance or mixture
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##### Classification according to Regulation (EC) No 1272/2008

Based on present data no classification and labeling is required according to Directive 1272/2008/EC and its amendments (CLP Regulation, GHS).

##### Classification according to Directive 67/548/EEC or Directive 1999/45/EC

According to present data no classification and labeling is required according to Directives 67/548/EEC or 1999/45/EC.

##### 2.2 GHS Label elements, including precautionary statements

GHS Pictograms	Not hazardous
Signal word	Not hazardous
Hazard statements	Not hazardous
Precautionary statements	Not hazardous

##### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - None

#### 3. Composition/Information on Ingredients

##### 3.1 Product mixture

Synonyms	No data available
Formula	No data available; mixture
Molecular wt	Mixture
CAS-No.	Mixture
EC-No.	Mixture

Chemical Name	CAS-No.	EC-No.	Ingredient Percent
Sodium Chloride	7647-14-5	231-598-3	>90%
Magnesium Chloride	7791-18-6	232-094-6	2 – 3%
Water	7732-18-5	231-791-2	2 – 3%
Non-Hazardous Ingredient	Proprietary	Proprietary	3%
Corrosion Inhibitor	Proprietary	Proprietary	<1%

Remarks There are no additional hazardous ingredients greater than or equal to 1.0 wt% concentration or carcinogenic ingredients greater than or equal to 0.1 wt% concentration.

## 4. First Aid Measures

### 4.1 Description of first aid measures

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

Skin contact Wash off immediately with soap and water. Consult a physician if symptoms occur.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if symptoms occur.

Inhalation In case of difficult breathing, move person to fresh air. Consult a physician if symptoms occur.

Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if symptoms occur.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects The most important known symptoms and effects are described in the labelling (see section 2.2) and in section 11.

### 4.3 Indication of any immediate medical attention and special treatment needed

Other first aid No data available

## 5. Fire Fighting Measures

### 5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### 5.2 Special hazards arising from the substance or mixture

Special hazards Excessive thermal decomposition at very high temperatures can lead to release of irritating gases and vapors including hydrogen chloride and chlorine gas, halogenated compounds and sodium oxides. Keep product and empty container away from heat and sources of ignition.

### 5.3 Advice for firefighters

Protective equipment Wear self-contained breathing apparatus for firefighting if necessary.

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment, and emergency procedures

Personal precautions For personal protection see section 8.

### 6.2 Environmental precautions

Environmental precautions Should not be released into the environment. See section 12 for additional ecological information. Prevent runoff into sewers and drains.

### 6.3 Methods and materials for containment and cleaning up

Methods for clean up Sweep up or vacuum spillage and collect in suitable container for disposal. Soak up with inert absorbent material and dispose. Keep in suitable, closed containers for disposal. Avoid dust formation.

### 6.4 References to other sections

Other references For disposal see section 13.

## 7. Handling and Storage

### 7.1 General hygiene considerations

General hygiene Avoid contact with skin and eyes. Avoid dust formation. In case of large quantities of vapor or dust, use local exhaust or general dilution ventilation to control exposure within applicable limits. For precautions see section 2.2.

### 7.2 Precautions for safe handling

Safe handling precautions Keep container tightly closed in a dry and well-ventilated place. Store away from incompatible materials. May be corrosive to some metals.

### 7.3 Conditions for safe storage, including any incompatibilities

Other storage conditions Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## 8. Exposure Controls/Personal Protection

### 8.1 Control and exposure limits recommended by the chemical manufacturer

OSHA Standards Contains no materials with occupational exposure limit values.

### 8.2 Appropriate engineering controls

Engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Use adequate ventilation where dust forms to keep concentration under exposure control limits.

### 8.3 Individual protection measures, such as personal protective equipment

Respiratory protection None required for consumer use. For manufacturing quantities: where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye/face protection None required for consumer use. For manufacturing quantities: safety glasses with side-shields conforming to EN166 are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand protection None required for consumer use. For manufacturing quantities: handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection None required for consumer use. For manufacturing quantities: wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

- |   |  |
|---|--|
| a) Appearance                                   | Icy blue, free-flowing crystals                                  |
| b) Odor   | Odorless   |
| c) Odor threshold                               | No data available  |
| d) pH   | Not applicable   |
| e) Melting/freezing point                       | No data available  |
| f) Boiling point                                | No data available  |
| g) Flash point                                  | No data available  |
| h) Evaporation rate                             | Not applicable   |
| i) Flammability (solid, gas)                    | No data available  |
| j) Upper/lower flammability or explosive limits | Upper (UEL): No data available<br>Lower (LEL): No data available |
| k) Vapor pressure                               | No data available  |
| l) Vapor density                                | No data available  |
| m) Relative density                             | No data available  |
| n) Water solubility                             | Partly soluble in water  |
| o) Partition coefficient octanol/water          | No data available  |

p) Auto-ignition temp	No data available
q) Decomposition temp	No data available
r) Viscosity	Not applicable

## 10. Stability and Reactivity

### 10.1 Reactivity

Reactivity None known.

### 10.2 Chemical stability

Chemical stability Hygroscopic.

### 10.3 Possibility of hazardous reactions

Hazardous reactions None expected under normal processing.

### 10.4 Conditions to avoid

Conditions to avoid Contact with incompatible chemicals. Excess heat. Exposure to moist air or water. Avoid dust formation.

### 10.5 Incompatible materials

Incompatible materials Strong acids, strong bases, metals, oxidizing agents.

### 10.6 Hazardous decomposition products

Hazardous products When heated to decomposition emits hydrogen chloride, halogenated compound, chlorine gas and sodium oxides. In the event of fire, see section 5.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Acute toxicity

Acute oral toxicity Sodium Chloride: LD50 3g/kg (Rat)  
 Acute dermal toxicity Sodium Chloride: LD50 >10g/kg (Rabbit)  
 Acute inhalation toxicity Sodium Chloride: LD50 >42g/m<sup>3</sup> (Rat) 1h

#### Skin corrosion/irritation

Skin corrosion irritation May cause slight irritation on prolonged or repeated exposure.

#### Serious eye damage/eye irritation

Eye damage/eye irritation May cause slight irritation with tearing.

#### Respiratory or skin sensitization

Respiratory sensitizer May cause slight irritation on prolonged or repeated exposure.  
 Skin sensitizer May cause slight irritation on prolonged or repeated exposure.

#### Germ cell mutagenicity

Mutagenicity No data available

#### Suspected cancer agent

ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.  
 NTP No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.  
 OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.  
 IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

#### Reproductive toxicity

Reproductive toxicity This product is not reported to produce mutagenic, embryotoxic, teratogenic, or reproductive effects in humans.

#### Aspiration hazard

Aspiration hazard No data available

## 12. Ecological Information

### 12.1 Ecotoxicity (aquatic and terrestrial)

Ecotoxicity Sodium Chloride: Pimephals prome; LC50 7650 mg/L (96hr). Water flea; EC50 1000mg/L (48hr)  
Magnesium Chloride: Fathead minnow; 1.00g/L NOEC. Ceriodapnia dubia; 1.00g/L NOEC.  
Selenastrum growth; 2.00g/L NOEC.

### 12.2 Persistence and degradability

Degradability Not applicable to inorganic substances.

### 12.3 Bioaccumulation potential

Bioaccumulation No data available

### 12.4 Mobility in soil

Mobility in soil Will likely be mobile in the environment due to water solubility.

### 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment Not available as chemical safety assessment not required/not conducted.

## 13. Disposal Considerations

### 13.1 Waste treatment methods

Waste treatment disposal Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

## 14. Transport Information

#### DOT

Not dangerous goods.

#### TDG

Not dangerous goods.

#### IMDG

Not dangerous goods.

#### IATA

Not dangerous goods.

## 15. Regulatory Information

### 15.1 Safety, health, and environmental regulations specific to the product or mixture

SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

TSCA This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States: Calcium Sulfate CAS 7778-18-9

EINECS All components of this product are on the European Inventory of Existing Commercial Chemical Substances.

Canada DSL All components of this product are on the Canada Domestic Substance List.

CA Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

State Regulatory Lists: Each state may promulgate standards more stringent than the federal government. This section cannot encompass an inclusive list or all state regulations. Therefore, the user should review the components listed in Section 2 and consult state or local authorities for specific regulations that apply.

## 16. Other Information

HMIS Rating	Health hazard: 1 Flammability: 0 Physical Hazard 0
NFPA Rating	Health hazard: 1 Fire Hazard: 0 Reactivity Hazard: 0
Revision Date	6 December 2019

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Midwest Bagging Solutions assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, Midwest Bagging Solutions assumes no responsibility for injury to vendee or third persons proximately caused by use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Abbreviations and acronyms	IMDG - International Maritime Code for Dangerous Goods TDG - Transportation of Dangerous Goods IATA - International Air Transport Association GHS - Globally Harmonized System of Classification and Labelling of Chemicals PBT - Persistent, bioaccumulative and toxic assessment vPvB - Very persistent and very bioaccumulative assessment ACGIH - American Conference of Governmental Industrial Hygienists NIOSH - National Institute for Occupational Safety and Health TLV - Threshold Limit Values CAS - Chemical Abstracts Service (division of the American Chemical Society) NFPA - National Fire Protection Association HMIS - Hazardous Materials Identification System CFR - Code of Federal Regulations SARA - Superfund Amendments and Reauthorization Act DOT - US Department of Transportation EC50 - Half maximal effective concentration LD50 - Median lethal dose LC50 - Median lethal concentration SDS - Safety Data Sheet
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