

SENERPRIME

Version 1.0 Revision Date: 10/14/2020 SDS Number: 000000260184 Date of last issue: -
Date of first issue: 10/14/2020

SECTION 1. IDENTIFICATION

Product name : SENERPRIME
Product code : 000000000051700693 000000000051700693

Manufacturer or supplier's details

Company name of supplier : Master Builders-Admixtures US,LLC
Address : 23700 CHAGRIN BLVD
Beachwood OH 44122
Emergency telephone : ChemTel: +1-813-248-0585 USA: +1-800-255-3924 Contract
Number MIS9240420

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with 29 CFR 1910.1200**

Skin sensitization : Category 1

GHS label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H317 May cause an allergic skin reaction.

Precautionary Statements : **Prevention:**
P280 Wear protective gloves.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
Response:
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.
P362 + P364 Take off contaminated clothing and wash it before reuse.
Disposal:
P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards

No data available.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Components**

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|------------|-----------------------|
| Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol | 25265-77-4 | >= 1 - < 3 |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | 64742-65-0 | >= 1 - < 3 |
| ammonia, aqueous solution | 1336-21-6 | >= 0 - < 0.2 |
| 2-(Hydroxymethylamino)ethanol | 34375-28-5 | >= 0 - < 0.2 |

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
 Show this material safety data sheet to the doctor in attendance.
 Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
 If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.
- In case of eye contact : Flush eyes with water as a precaution.
 Remove contact lenses.
 Protect unharmed eye.
 Keep eye wide open while rinsing.
 If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
 Do not give milk or alcoholic beverages.
 Never give anything by mouth to an unconscious person.
 If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.
- Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray
 Foam
 Dry powder
 Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : See SDS section 10 - Stability and reactivity.
- Hazardous combustion products : harmful vapours
 nitrogen oxides
 fumes/smoke
 carbon black
 carbon oxides
- Further information : Standard procedure for chemical fires.

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Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Do not breathe vapors/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.
Protect from direct sunlight.

Materials to avoid : No applicable information available.

Recommended storage temperature : 32 °F / 0 °C

Further information on storage stability : Minimum storage temperature:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

| Components | CAS-No. | Value type | Control parame- | Basis |
|------------|---------|------------|-----------------|-------|
|------------|---------|------------|-----------------|-------|

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| | | (Form of exposure) | ters / Permissible concentration | |
|---|------------|------------------------------------|----------------------------------|--------------------------------------|
| ammonia, aqueous solution | 1336-21-6 | STEL value | 35 ppm | ACGIHTLV |
| | | TWA value | 25 ppm | ACGIHTLV |
| | | REL value | 25 ppm 18 mg/m3 | NIOSH |
| | | STEL value | 35 ppm 27 mg/m3 | NIOSH |
| | | PEL | 50 ppm 35 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | STEL value | 35 ppm 27 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 25 ppm (Ammonia) | ACGIH |
| | | STEL | 35 ppm (Ammonia) | ACGIH |
| | | TWA | 25 ppm 18 mg/m3 (Ammonia) | NIOSH REL |
| | | ST | 35 ppm 27 mg/m3 (Ammonia) | NIOSH REL |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | 64742-65-0 | TWA value (Inhalable fraction) | 5 mg/m3 | ACGIHTLV |
| | | STEL value (Mist) | 10 mg/m3 | NIOSH |
| | | REL value (Mist) | 5 mg/m3 | NIOSH |
| | | REL value | 350 mg/m3 | NIOSH |
| | | Ceil Time | 1,800 mg/m3 | NIOSH |
| | | PEL (Mist) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value (Mist) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA (Mist) | 5 mg/m3 | OSHA Z-1 |
| | | TWA (Inhalable particulate matter) | 5 mg/m3 | ACGIH |
| | | TWA (Mist) | 5 mg/m3 | OSHA P0 |
| | | TWA (Mist) | 5 mg/m3 | NIOSH REL |
| | | ST (Mist) | 10 mg/m3 | NIOSH REL |

Engineering measures : Provide local exhaust ventilation to maintain recommended P.E.L.

Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.

Hand protection

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| Remarks | : | The suitability for a specific workplace should be discussed with the producers of the protective gloves. |
| Eye protection | : | Eye wash bottle with pure water Tightly fitting safety goggles |
| Skin and body protection | : | Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| Protective measures | : | Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. |
| Hygiene measures | : | Wash hands before breaks and at the end of workday. |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|--|---|---|
| Appearance | : | liquid |
| Color | : | white |
| Odor | : | ammonia-like, slight odour |
| Odor Threshold | : | No data available |
| pH | : | 8.5 - 9.5 |
| Melting point | : | No applicable information available. |
| Boiling point | : | 212 °F / 100 °C |
| Flash point | : | does not flash |
| Evaporation rate | : | No applicable information available. |
| Flammability (solid, gas) | : | not determined |
| Upper explosion limit / Upper flammability limit | : | No applicable information available. |
| Lower explosion limit / Lower flammability limit | : | not applicable |
| Vapor pressure | : | No data available |
| Relative vapor density | : | Heavier than air. |
| Relative density | : | 1.047 (68 °F / 20 °C) |
| Density | : | approx. 1.0 g/cm ³ (68 °F / 20 °C) |
| Bulk density | : | not applicable |
| Solubility(ies) | : | |

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| Water solubility | : | soluble |
| Solubility in other solvents | : | soluble |
| Partition coefficient: n-octanol/water | : | No data available. |
| Autoignition temperature | : | No data available |
| Decomposition temperature | : | No decomposition if stored and handled as prescribed/indicated. |
| Viscosity | | |
| Viscosity, dynamic | : | No data available. |
| Viscosity, kinematic | : | No applicable information available. |
| Explosive properties | : | Not explosive Not explosive |
| Oxidizing properties | : | Based on its structural properties the product is not classified as oxidizing. |
| Sublimation point | : | No applicable information available. |
| Molecular weight | : | No data available |

SECTION 10. STABILITY AND REACTIVITY

| | | |
|------------------------------------|---|--|
| Reactivity | : | No decomposition if stored and applied as directed. |
| Chemical stability | : | No decomposition if stored and applied as directed. |
| Possibility of hazardous reactions | : | No decomposition if stored and applied as directed. |
| Conditions to avoid | : | See SDS section 7 - Handling and storage. |
| Incompatible materials | : | Strong acids Strong bases Strong oxidizing agents Strong reducing agents |
| Hazardous decomposition products | : | No hazardous decomposition products if stored and handled as prescribed/indicated. |

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Product:

Acute oral toxicity : Remarks: No data available.

Acute inhalation toxicity : Remarks: No data available.

Acute dermal toxicity : Remarks: No data available.

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Bioaccumulative potential**Components:****Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol:**

Partition coefficient: n-octanol/water : log Pow: 3.2 (77 °F / 25 °C)
pH: 7
Method: Partition coefficient (n-octanol/water), HPLC method.
GLP: no

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Partition coefficient: n-octanol/water : Remarks: Study technically not feasible.

ammonia, aqueous solution:

Partition coefficient: n-octanol/water : Remarks: not applicable

2-(Hydroxymethylamino)ethanol:

Partition coefficient: n-octanol/water : log Pow: -2.205
Method: other (calculated)
GLP: no data

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : There is a high probability that the product is not acutely harmful to aquatic organisms.
The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with national, state and local regulations.
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

Not regulated as a dangerous good

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IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

US State Regulations

Pennsylvania Right To Know

| | |
|--|------------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic listed | 64742-65-0 |
|--|------------|

New Jersey Right To Know

| | |
|--|------------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic listed | 64742-65-0 |
|--|------------|

California Prop. 65

WARNING: This product can expose you to chemicals including carbon black, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:

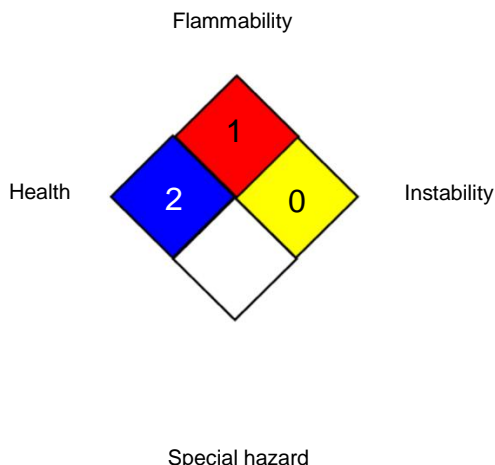
TSCA : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

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NFPA 704:**HMIS® IV:**

| | | |
|------------------------|--|----------|
| HEALTH | | M |
| FLAMMABILITY | | M |
| PHYSICAL HAZARD | | |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

| | |
|---|---|
| 29 CFR 1910.1000 (Table Z-1-A) | : OSHA - Table Z-1-A (29 CFR 1910.1000) |
| 29 CFR 1910.1000 (Table Z-1) | : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000 |
| ACGIH | : USA. ACGIH Threshold Limit Values (TLV) |
| ACGIHTLV | : American Conference of Governmental Industrial Hygienists - threshold limit values (US) |
| NIOSH | : NIOSH Pocket Guide to Chemical Hazards (US) |
| NIOSH REL | : USA. NIOSH Recommended Exposure Limits |
| OSHA P0 | : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 |
| OSHA Z-1 | : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants |
| 29 CFR 1910.1000 (Table Z-1-A) / STEL value | : Short Term Exposure Limit (STEL): |
| 29 CFR 1910.1000 (Table Z-1-A) / TWA value | : Time Weighted Average (TWA): |
| 29 CFR 1910.1000 (Table Z-1) / PEL | : Permissible exposure limit |
| ACGIH / TWA | : 8-hour, time-weighted average |
| ACGIH / STEL | : Short-term exposure limit |
| ACGIHTLV / STEL value | : Short Term Exposure Limit (STEL): |
| ACGIHTLV / TWA value | : Time Weighted Average (TWA): |
| NIOSH / Ceil_Time | : Ceiling Limit Value and Time Period (if specified): |
| NIOSH / REL value | : Recommended exposure limit (REL): |
| NIOSH / STEL value | : Short Term Exposure Limit (STEL): |
| NIOSH REL / TWA | : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |
| NIOSH REL / ST | : STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday |
| OSHA P0 / TWA | : 8-hour time weighted average |
| OSHA Z-1 / TWA | : 8-hour time weighted average |

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AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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