



Safety Data Sheet

GHS Compliant

SDS No. MMTDL

Section 1 - Identification

- 1.1 **Product Identifier:** Dipping Latex
- 1.2 **General Use:** Mask Making
- 1.3 **Manufacturer:** The Monster Makers, Inc.,
13597 West Parkway Rd., Cleveland, OH 44135
Phone: (216) 671-8700
sales@monstermakers.com
- 1.4 **Emergency Contact:** Chem-Tel
Domestic: 800-255-3924 International 813-248-0585

Section 2 - Hazards

- 2.1 **Physical Hazards:** Not Classified.
- 2.2 **Health Hazards:** Skin Corrosion/irritation
Serious eye damage/eye irritation
Carcinogenicity
Specific target organ toxicity, repeated exposure
Hazardous to the aquatic environment, acute hazard

OSHA defined hazards: Not classified

Pictograms:



Signal Word: Danger

Hazard Statement: Causes skin irritation. Causes serious eye irritation. May cause cancer. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life.

Precautionary Statement: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If on skin: Wash with plenty of water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.

Storage: Store locked up.



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Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC): None known.

Supplemental information: 14.91% of the mixture consists of component(s) of unknown acute oral toxicity. 16.06% of the mixture consists of component(s) of unknown acute dermal toxicity. 14.91% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 14.91% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

Hazards not otherwise classified (HNOC) or not covered by GHS

Section 3 - Composition / Information on Ingredients

3.1 Substances

Mixtures:

| Chemical Name | CAS Number | % |
|--|------------|-----------|
| Ammonium Hydroxide | 1336-21-6 | 1 - < 3 |
| Diethanolamine | 111-42-2 | <0.1 |
| Diethylene Glycol Ethyl Ether | 111-90-0 | <0.1 |
| Formaldehyde | 50-00-0 | <0.1 |
| Methanol | 67-56-1 | <0.1 |
| Naphthalene | 91-20-3 | <0.1 |
| Potassium Hydroxide | 1310-58-3 | <0.1 |
| Silica, quartz | 14808-60-7 | <0.1 |
| Sodium Hydroxide | 1310-73-2 | <0.1 |
| Zinc Oxide | 1314-13-2 | <0.1 |
| Ethylene Glycol | 107-21-1 | <0.02 |
| Ethanol | 64-17-5 | <0.0008 |
| Methyl Isobutyl Ketone | 108-10-1 | <0.00005 |
| Ethyl Acetate | 141-78-6 | <0.000008 |
| Other Components below reportable levels | | 90-100 |

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin Contact: Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.



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Ingestion: Rinse mouth. Get medical attention if symptoms occur.

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

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed:

Provide general supportive measures and treat symptomatically.
Keep victim under observation. Symptoms may be delayed

General Information: IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.3 After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

5.1 Extinguishing Media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).
Unsuitable Extinguishing Media:

Do not use water jet as an extinguisher, as this will spread the fire

5.2 Special hazards arising from the substance or mixture:

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

5.3 Advice for firefighters: Move containers from fire area if you can do so without risk

Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards noted.

Section 6 - Accidental Release Measures

6.1 Personal Precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

6.2 Environmental precautions:

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.



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6.3 Methods and materials for containment and cleaning up:

Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8 – Exposure Controls / Personal Protection

8.1 Occupational exposure limits:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

| Components | Type | Value |
|----------------------------|------|---------|
| Formaldehyde (CAS 50-00-0) | STEL | 2ppm |
| | TWA | .75 ppm |

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value | Form |
|------------------------------------|------|------------------------------------|------|
| Ammonium Hydroxide (CAS 1336-21-6) | PEL | 35 mg/m ³ 50 ppm | |
| Ethanol (CAS 64-17-5) | PEL | 1900 mg/m ³ 1000 ppm | |
| Ethyl Acetate (CAS 141-78-6) | PEL | 1400 mg/m ³ 400 ppm | |
| Methanol (CAS 67-56-1) | PEL | 260 mg/m ³ 200 ppm | |



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| | | | |
|--------------------------------------|-----|----------------------|-----------------|
| Methyl Isobutyl Ketone(CAS 108-10-1) | PEL | 410 mg/m3 100 ppm | |
| Naphthalene (CAS 91-20-3) | PEL | 50 mg/m3 10 ppm | |
| Silica, quartz (CAS 14808-60-7) | PEL | 0.05 mg/m3 | Respirable Dust |
| Sodium Hydroxide (CAS 1310-73-2) | PEL | 2mg/m3 | |
| Zinc Oxide (CAS 1314-13-2) | PEL | 5 mg/m3 | Respirable Dust |
| | | 5 mg/m3 | Fume. |
| | | 15 mg/m3 | Total dust. |

US. OSHA Table Z-3 (29 CFR 1910.1000)

| Components | Type | Value | Form |
|---------------------------------|------|-----------|------------|
| Silica, quartz (CAS 14808-60-7) | TWA | 0.1 mg/m3 | Respirable |
| | | 2.4 mppcf | Respirable |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|--------------------------------------|-------------|---------------------|--|
| Ammonium Hydroxide (CAS 1336-21-6) | STEL TWA | 35 ppm 25 ppm | |
| Diethanolamine (CAS 111-42-2) | TWA | 1 mg/m3 | Inhalable fraction and vapor. |
| Ethanol (CAS 64-17-5) | STEL | 1000 ppm | |
| Ethyl Acetate (CAS 141-78-6) | TWA | 400 ppm | |
| Ethylene Glycol (CAS 107-21-1) | Ceiling | 100 mg/m3 | Aerosol. |
| Formaldehyde (CAS 50-00-0) | Ceiling | 0.3 ppm | |
| Methanol (CAS 67-56-1) | STEL TWA | 250 ppm 200 ppm | |
| Methyl Isobutyl Ketone(CAS 108-10-1) | STEL TWA | 75 ppm 20 ppm | |
| Naphthalene (CAS 91-20-3) | TWA | 10 ppm | |
| Potassium Hydroxide (CAS 1310-58-3) | Ceiling | 2 mg/m3 | |
| Silica, quartz (CAS 14808-60-7) | TWA | 0.025 mg/m3 | Respirable fraction. |
| Sodium Hydroxide (CAS 1310-73-2) | Ceiling | 2 mg/m3 | |
| Zinc Oxide (CAS 1314-13-2) | STEL TWA | 10 mg/m3 2 mg/m3 | Respirable fraction. Respirable fraction. |

US. NIOSH: Pocket Guide to Chemical Hazards



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| Components | Type | Value | Form |
|--------------------------------------|---------|------------------------|-----------------|
| Ammonium Hydroxide (CAS 1336-21-6) | STEL | 27 mg/m3 35 ppm | |
| | TWA | 18 mg/m3 25 ppm | |
| Diethanolamine (CAS 111-42-2) | TWA | 25 mg/m3 3 ppm | |
| Ethanol (CAS 64-17-5) | TWA | 1900 mg/m3 1000 ppm | |
| Ethyl Acetate (CAS 141-78-6) | TWA | 1400 mg/m3 400 ppm | |
| Formaldehyde (CAS 50-00-0) | Ceiling | 0.1 ppm | |
| | TWA | 0.016 ppm | |
| Methanol (CAS 67-56-1) | STEL | 325 mg/m3 250 ppm | |
| | TWA | 260 mg/m3 200 ppm | |
| Methyl Isobutyl Ketone(CAS 108-10-1) | STEL | 300 mg/m3 75 ppm | |
| | TWA | 205 mg/m3 50 ppm | |
| Naphthalene (CAS 91-20-3) | STEL | 75 mg/m3 15 ppm | |
| | TWA | 50 mg/m3 10 ppm | |
| Potassium Hydroxide (CAS 1310-58-3) | TWA | 2 mg/m3 | |
| Silica, quartz (CAS 14808-60-7) | TWA | .05 mg/m3 | Respirable Dust |
| Sodium Hydroxide (CAS 1310-73-2) | Ceiling | 15 mg/m3 | Dust |
| Zinc Oxide (CAS 1314-13-2) | Ceiling | 10 mg/m3 | Fume |
| | STEL | 5 mg/m3 | Fume |
| | TWA | 5 mg/m3 | Dust |

US. Workplace Environmental Exposure Level (WEEL) Guides

| Components | Type | Value |
|---|------|---------------------|
| Diethylene Glycol Ethyl Ether (CAS 111-90-0) | TWA | 140 mg/m3 25 ppm |

Biological limit values ACGIH

Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling Time |
|---|---------|---------------------------|----------|---------------|
| Methanol (CAS 67-56-1) | 15 mg/l | Methanol | Urine | * |
| Methyl Isobutyl Ketone(CAS 108-10-1) | 1 mg/l | Methyl Isobutyl Ketone | Urine | * |

* - For sampling details, please see the source document.



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Exposure guidelines

US - California OELs: Skin designation

Diethanolamine (CAS 111-42-2) Can be absorbed through the skin.
Methanol (CAS 67-56-1) Can be absorbed through the skin.
Naphthalene (CAS 91-20-3) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Methanol (CAS 67-56-1) Skin designation applies.

US - Tennessee OELs: Skin designation

Methanol (CAS 67-56-1) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Diethanolamine (CAS 111-42-2) Can be absorbed through the skin.
Methanol (CAS 67-56-1) Can be absorbed through the skin.
Naphthalene (CAS 91-20-3) Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

Methanol (CAS 67-56-1) Can be absorbed through the skin.

Respiratory Protections: Chemical respirator with organic vapor cartridge and full facepiece.

Hand Protection: Wear appropriate chemical resistant gloves.

Eye Protection: Chemical respirator with organic vapor cartridge and full facepiece.

Other Protective Clothing/Equipment: Wear appropriate chemical resistant clothing.
Use of an impervious apron is recommended.

Comments: Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

| | |
|--|--|
| Appearance: Liquid: white Odor/Threshold: Ammoniacal pH: N/A Melting Point/Freezing Point: N/A Low/High Boiling Point: N/A Flash point: N/a Evaporation Rate: N/A Flammability: Not applicable UEL/LEL: N/A | Vapor Pressure: .00001 hPa estimated Vapor Density (Air=1): N/A Specific Gravity (H2O=1, at 4C): 1.03 estimated Water Solubility: N/A Partition Coefficient: N/A Auto-Ignition Temperature: N/A Decomposition Temperature: N/A Viscosity: N/A % Volatile: N/A |
|--|--|

Section 10 - Stability and Reactivity

10.1 Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport

10.2 Chemical Stability: Material is stable under normal conditions.



10.3 Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid: Contact with incompatible materials

105. Incompatible Materials: Fluorine

10.6 Hazardous Decomposition Products: No hazardous decomposition products are known

Section 11 - Toxicological Information

11.1 Information on Toxicological Effects:

Skin Corrosion/Irritation: Causes skin irritation

Serious Eye Damage/Irritation: Causes serious eye irritation

Respiratory/Skin Sensitization: May cause damage to organs through prolonged repeated exposure by inhalation

ACGIH sensitization: FORMALDEHYDE (CAS 50-00-0)
Dermal sensitization Respiratory sensitization

Ingestion: Expected to be a low digestion hazard.

Germ Cell Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: May cause cancer

IARC Monographs. Overall Evaluation of Carcinogenicity

- Diethanolamine (CAS 111-42-2) 2B Possibly carcinogenic to humans.
- Formaldehyde (CAS 50-00-0) 1 Carcinogenic to humans.
- Methyl Isobutyl Ketone(CAS 108-10-1) 2B Possibly carcinogenic to humans.
- Naphthalene (CAS 91-20-3) 2B Possibly carcinogenic to humans.
- Silica, quartz (CAS 14808-60-7) 1 Carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

- Formaldehyde (CAS 50-00-0) Cancer
- Silica, quartz (CAS 14808-60-7) Cancer

US. National Toxicology Program (NTP) Report on Carcinogens

- Formaldehyde (CAS 50-00-0) Known To Be Human Carcinogen.
- Naphthalene (CAS 91-20-3) Reasonably Anticipated to be a Human Carcinogen.
- Silica, quartz (CAS 14808-60-7) Known To Be Human Carcinogen.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects

Specific Target Organ Toxicity - Single Exposure: Not classified

Specific Target Organ Toxicity - Repeated Exposure:

Causes damage to organs through prolonged or repeated exposure

Aspiration Hazard: Not an aspiration hazard

Acute Toxicity: Not known

| Components | Species | Test Results |
|------------------------------------|---------|--------------|
| Ammonium Hydroxide (CAS 1336-21-6) | | |



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| | | |
|---|--------|--------------------|
| Acute Oral LD50 | Rat | 350 mg/kg |
| Diethanolamine (CAS 111-42-2) Acute Oral LD50 | Rat | 710 mg/kg |
| Diethylene Glycol Ethyl Ether (CAS 111-90-0) Acute Oral LD50 | Rat | 1920 mg/kg |
| Formaldehyde (CAS 50-00-0) Acute Inhalation LC50 | Rat | 0.48 mg/l, 4 Hours |
| Oral LD50 | Rat | 100 mg/kg |
| Methyl Isobutyl Ketone(CAS 108-10-1) Acute Inhalation LC50 | Rat | 8.2 mg/l, 4 Hours |
| Naphthalene (CAS 91-20-3) Acute Dermal LD50 | Rabbit | >2 g/kg |
| Oral LD50 | Rat | 490 mg/kg |
| Potassium Hydroxide (CAS 1310-58-3) Acute Oral LD50 | Rat | 273 mg/kg |

Chronic Exposure: Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful.

Potential Health Effects - Miscellaneous: None

Section 12 - Ecological Information

12.1 Toxicity: Harmful to aquatic life.

12.2 Persistence and Degradability:

No data is available on the degradability of any ingredients in the mixture

12.3 Bioaccumulative Potential:



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Partition coefficient n-octanol / water (log Kow)

| | |
|-------------------------------|-------|
| Diethanolamine | -1.43 |
| Diethylene Glycol Ethyl Ether | -0.54 |
| Ethanol | -0.31 |
| Ethyl Acetate | 0.73 |
| Ethylene Glycol | -1.36 |
| Formaldehyde | 0.35 |
| Methanol | -0.77 |
| Methyl Isobutyl Ketone | 1.31 |
| Naphthalene | 3.3 |

- 12.4 Mobility in Soil:** No data available
- 12.5 Other Adverse Effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13 - Disposal Considerations

13.1 Waste Treatment Methods:

Disposal Instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations: Dispose in accordance with all applicable regulations

Hazardous Waste Code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14 - Transport Information

14.1 DOT: Not regulated as dangerous goods.

IATA: Not regulated as dangerous goods.

IMDG: Not regulated as dangerous goods.

14.2 Transport in Bulk according to Annex II of MARPOL73/78 and the IBC Code: Not Established



Section 15 - Regulatory Information

15.1 US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

| | |
|--|---------|
| Ammonium Hydroxide (CAS 1336-21-6) | Listed. |
| Diethanolamine (CAS 111-42-2) | Listed. |
| Diethylene Glycol Ethyl Ether (CAS 111-90-0) | Listed. |
| Ethanol (CAS 64-17-5) | Listed. |
| Ethyl Acetate (CAS 141-78-6) | Listed. |
| Ethylene Glycol (CAS 107-21-1) | Listed. |
| Formaldehyde (CAS 50-00-0) | Listed. |
| Methanol (CAS 67-56-1) | Listed. |
| Methyl Isobutyl Ketone(CAS 108-10-1) | Listed. |
| Naphthalene (CAS 91-20-3) | Listed. |
| Potassium Hydroxide (CAS 1310-58-3) | Listed. |
| Sodium Hydroxide (CAS 1310-73-2) | Listed. |
| Zinc Oxide (CAS 1314-13-2) | Listed. |

SARA 304 Emergency release notification

Formaldehyde (CAS 50-00-0) 100 LBS

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

| | |
|---------------------------------|--|
| Formaldehyde (CAS 50-00-0) | Cancer |
| Silica, quartz (CAS 14808-60-7) | Cancer |
| Formaldehyde (CAS 50-00-0) | Skin sensitization |
| Silica, quartz (CAS 14808-60-7) | lung effects |
| Formaldehyde (CAS 50-00-0) | Respiratory sensitization |
| Silica, quartz (CAS 14808-60-7) | immune system effects |
| Formaldehyde (CAS 50-00-0) | Eye irritation |
| Silica, quartz (CAS 14808-60-7) | kidney effects |
| Formaldehyde (CAS 50-00-0) | Skin irritation respiratory tract irritation |
| | Acute toxicity |
| | Flammability |

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

| Chemical Name | CAS Number | Reportable Quantity (Pounds) | Threshold Planning Quantity (Pounds) |
|---------------|------------|------------------------------|--------------------------------------|
| Formaldehyde | 50-00-0 | 100 | 500 |

SARA 311/312 Hazardous chemical: Yes

Classified hazard categories: Skin corrosion or irritation



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Serious eye damage or eye irritation
Carcinogenicity Specific target organ toxicity
(single or repeated exposure)

SARA 313 (TRI reporting)

| Chemical Name | CAS Number | % by wt. |
|--------------------|------------|----------|
| Ammonium Hydroxide | 1336-21-6 | 1-< 3 |
| Formaldehyde | 50-00-0 | <0.1 |
| Naphthalene | 91-20-3 | <0.1 |

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Diethanolamine (CAS 111-42-2)
Diethylene Glycol Ethyl Ether (CAS 111-90-0)
Ethylene Glycol (CAS 107-21-1)
Formaldehyde (CAS 50-00-0)
Methanol (CAS 67-56-1)
Methyl Isobutyl Ketone (CAS 108-10-1)
Naphthalene (CAS 91-20-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Formaldehyde (CAS 50-00-0)

Safe Drinking Water Act (SDWA) Not Regulated

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Methyl Isobutyl Ketone(CAS 108-10-1) 6715

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Methyl Isobutyl Ketone(CAS 108-10-1) 35 %WV

DEA Exempt Chemical Mixtures Code Number

Methyl Isobutyl Ketone(CAS 108-10-1) 6715

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Ethanol (CAS 64-17-5) Low priority
Ethyl Acetate (CAS 141-78-6) Low priority
Methyl Isobutyl Ketone(CAS 108-10-1) Low priority

US state regulations

California Proposition 65

WARNING: This product can expose you to chemicals including Ethanol, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

Diethanolamine (CAS 111-42-2) Listed: June 22, 2012
Ethanol (CAS 64-17-5) Listed: April 29, 2011



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Formaldehyde (CAS 50-00-0)

Listed: July 1, 1988

Methyl Isobutyl Ketone(CAS 108-10-1)

Listed: January 1, 1988

Naphthalene (CAS 91-20-3)

Listed: November 4, 2011

Silica, quartz (CAS 14808-60-7)

Listed: April 19, 2002

Listed: October 1, 1988

California Proposition 65 - CRT: Listed date/Developmental toxin

Ethanol (CAS 64-17-5)

Listed: October 1, 1987

Ethylene Glycol (CAS 107-21-1)

Listed: June 19, 2015

Methanol (CAS 67-56-1)

Listed: March 16, 2012

Methyl Isobutyl Ketone(CAS 108-10-1)

Listed: March 28, 2014

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Diethanolamine (CAS 111-42-2)

Diethylene Glycol Ethyl Ether (CAS 111-90-0)

Ethylene Glycol (CAS 107-21-1)

Formaldehyde (CAS 50-00-0)

Methanol (CAS 67-56-1)

Methyl Isobutyl Ketone (CAS 108-10-1)

Naphthalene (CAS 91-20-3)

Silica, quartz (CAS 14808-60-7)

Sodium Hydroxide (CAS 1310-73-2)

| Country(s) or region | Inventory Name | On Inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | No |
| New Zealand | New Zealand Inventory | No |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| Taiwan | Taiwan Toxic Chemical Substances (TCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**Section 16 - Other Information**

| HMIS | |
|------|---|
| H | 3 |
| F | 0 |
| R | 0 |



SDS Version: 3

Date Prepared: 5/15/18

Glossary: ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CASChemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIPChemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRAEmergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQTexas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer: The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of The Monster Makers, Inc. regardless of the legal theory advanced, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use. This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH). Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous"



Safety Data Sheet

GHS Compliant

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per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.