

**SAFETY DATA SHEET**

Regulation (EC) No 1907/2006 and 2020/878 (REACH)

Date Revised: 5/15/24; Supersedes: 3/25/22.

Section 1 Identification of the Substance/Preparation and of the Company/Undertaking.**1.1 Product Identifier:****Product Type:** Clear coat for dental models**Trade Names:** MODEL GLOW**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:****Product Use:** Clear coat for dental models**Uses Advised Against:** For professional use only.**1.3 Details of the Supplier of the Substance or Mixture:****Manufacturer**

Whip Mix Corporation

361 Farmington Avenue

Louisville, Kentucky, USA 40209

Emergency Telephone Number: (502) 634-1451

Fax Number: (502) 634-4512

EU Importer

Whip Mix Europe GmbH

Hagener Strasse 21

DE-44225 Dortmund

Germany

+49 (0) 231 / 567 70 8-0

1.4 Emergency Telephone Number:**Transportation Emergencies:**

CHEMTREC 1(800) 424-9300 (U.S. and Canada)

International Calls: 1- 703-527-3887 (Collect calls accepted)

+49 (0) 30 30 686 700 – Giftnotrufzentrale der Charité Berlin (24 Std.)

Other Product Information:Info@whipmix.com**Section 2 Hazard Identification.****2.1 Classification of the Mixture:****OSHA/WHMIS/GHS/CLP Classification (1272/2008):**

Health Hazards	Physical Hazards	Environmental Hazards
Skin Irritation Category 3 (H316) Eye Irritation Category 2B (H320)	Not Hazardous	Not Hazardous

2.2 Label Elements:

H316 Causes mild skin irritation.

H320 Causes eye irritation.

Prevention

P264 Wash thoroughly after handling.

Response

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical attention.

P332+P313 If skin irritation occurs: Get medical attention.

2.3 Other Hazards: None

Section 3 Composition/Information on Ingredients.

3.1 Substance: Not applicable

3.2 Mixture:

<i>Substance</i>	<i>CAS No. / EC Number</i>	<i>%</i>	<i>CLP/GHS Classification (1272/2008)</i>	<i>ATE/ Specific Concentration limits/ M-Factor</i>
Mixed Potassium Salts of Vegetable Oil Fatty Acids	61788-65-6/ 262-993-9	30-40%	Skin Irrit. 3 H316 Eye Irrit. 2B H320	None
Tetrasodium Iminodisuccinate	144538-83-0 / 604-420-0	<1%	Not Classified	None

The specific identity and/or concentration of composition has been withheld as a trade secret.

See Section 16 for full text of GHS Classifications.

Section 4 First-Aid Measures.

4.1 Description of First Aid Measures

Inhalation: No adverse effects expected. If irritation occurs, move to fresh air. If symptoms persist, call a physician.

Eyes: Flush eyes with large quantities of water, holding the eyelids apart. If irritation persists consult a physician.

Skin: No first aid is required. Wash skin with soap and water. If irritation develops, get medical attention.

Ingestion: No adverse effects expected. Do NOT induce vomiting. Drink plenty of water. Rinse mouth. Never give anything by mouth to an unconscious person. If irritation or discomfort persists, get medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: May cause mild eye irritation. Prolonged skin contact may cause irritation and drying of the skin.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is not required.

Section 5 Fire-Fighting Measures.

5.1 Extinguishing Media: Use media appropriate for the surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture: Combustion may produce carbon oxides.

5.3 Advice for Fire-Fighters: Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus. Cool fire exposed containers with water.

Section 6 Accidental Release Measures.

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate protective equipment. Avoid contact with eyes.

6.2 Environmental Precautions: Report releases as required by local and national authorities.

6.3 Methods and Material for Containment and Cleaning Up: Wipe up and place into an appropriate container for disposal. Rinse spill area with water.

6.4 Reference to Other Sections: Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

Section 7 Handling and Storage.

7.1 Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep containers closed when not in use. Do not reuse containers.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store as directed on package insert.

7.3 Specific end use(s):

Industrial uses: None identified

Professional uses: Clear coat for dental models

Section 8 Exposure Controls/Personal Protection.

8.1 Control Parameters:

Mixed Potassium Salts of Vegetable Oil Fatty Acids	None Established
Tetrasodium Iminodisuccinate	None Established

Refer to local regulations for exposure limits not listed above

8.2 Exposure Controls:

Recommended Monitoring Procedures: None.

Appropriate engineering controls: Use adequate general or local exhaust ventilation to minimize exposures levels.

Personal Protective Measures

Respiratory protection: None normally required. If the exposure levels are exceeded and irritation is experienced an approved dust/mist respirator appropriate for the form and concentration of the contaminants should be used. In the USA refer to OSHA regulations, in the EU refer to EN Standards (EN 149 or 405). Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

Skin protection: Wear impervious gloves such as rubber to avoid prolonged skin contact. In the EU refer to EN 374.

Eye protection: Wear safety goggles if contact is possible. In the EU refer to EN 166.

Other: Protective clothing as required to avoid prolonged skin contact.

Section 9 Physical and Chemical Properties.

9.1 Information on basic Physical and Chemical Properties.

Physical State: Liquid

Appearance: Clear amber liquid

Color: Amber

Odor: Bland odor

Odor threshold: Not available

Melting Point/Freezing Point: <32°F / <0°C

Boiling Point/Range: >220°F/ >104°C

pH: 10-12

Flash Point: Non-flammable

Evaporation Rate: Not available

Vapor Pressure: Not available

Explosive Limits:

LEL: Not applicable **UEL:** Not applicable

Vapor Density: Not available

Relative Vapor Density (at 20°C): No data available

Specific Gravity: No data available

Density/Relative Density: 1.025

Solubility(ies): Completely Soluble in water

Octanol/Water Partition Coefficient: No data available

Auto-ignition Temperature: Not applicable

Decomposition Temperature: No data available

Kinematic Viscosity: 5-30 cPs

Particle Characteristics: Not applicable

Flammability (gas, liquid, solid): Not flammable

9.2.1 Information with regard to physical hazard classes: Not applicable

9.2.2 Other Safety Characteristics: Not applicable

Section 10 Stability and Reactivity.

10.1 Reactivity: Not reactive.

10.2 Chemical stability: Stable.

10.3 Possibility of hazardous reactions: Not expected to be reactive.

10.4 Conditions to avoid: None known.

10.5 Incompatible materials: Avoid strong oxidizing agents.

10.6 Hazardous decomposition products: Thermal decomposition may produce carbon oxides.

Section 11 Toxicological Information.

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eyes: Direct contact may cause mild irritation with redness and tearing.

Skin: Prolonged skin contact may cause irritation or drying of the skin.

Ingestion: Swallowing large amounts may cause gastric upset and nausea. .

Inhalation: No adverse effects are expected.

Chronic Health Effects: None known.

Acute Toxicity Data:

Mixed Potassium Salts of Vegetable Oil Fatty Acids: No data available

Skin Corrosion/Irritation: This product is expected to cause mild skin irritation based on the ingredients.

Serious Eye Damage/Irritation: This product is expected to cause mild eye irritation based on the ingredients.

Respiratory or Skin Sensitization: Based on the available data, the classification criteria are not met.

Germ Cell Mutagenicity: Based on the available data, the classification criteria are not met.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, or EU CLP.

Reproductive Toxicity: Based on the available data, the classification criteria are not met.

Specific Target Organ Toxicity:

Single Exposure: Based on the available data, the classification criteria are not met.

Repeated Exposure: Based on the available data, the classification criteria are not met.

Aspiration Hazards: Based on the available data, the classification criteria are not met.

11.2 Information on other hazards: Not applicable

11.2.1 Endocrine disrupting properties: Not applicable

11.2.2 Other information: Not applicable

Section 12 Ecological Data.**12.1 Toxicity:**

Mixed Potassium Salts of Vegetable Oil Fatty Acids: No data available

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: No data available

12.5 Results of PBT and vPvB assessment: Components do not meet the criteria of PBT or vPvB.

12.6 Endocrine Disrupting Properties: Not applicable

12.7 Other adverse effects: Not required.

Section 13 Disposal Considerations.

13.1 Waste Treatment Methods: Dispose in accordance with all national and local regulations.

Section 14 Transport Information.

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT		Not Regulated			
Canadian TDG		Not Regulated			
EU ADR/RID		Not Regulated			
IMDG		Not Regulated			
IATA/ICAO		Not Regulated			

14.6 Special precautions for User: Not applicable

14.7 Maritime transport in bulk according to IMO instruments: Not applicable

Section 15 Regulatory Information.

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

US Regulations

SARA Section 313 (40 CFR 372): This product contains the following toxic chemical(s) subject to reporting requirements of SARA 313: None

SARA Section 311/312 (40 CFR 370) Hazard Categories: Refer to Section 2 for the OSHA Hazard Classification.

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California: This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity: None

International Chemical Inventories

Australia: One or more components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempt.

Canadian Environmental Protection Act: All components of this product are listed on the Canadian Domestic Substances List (DSL) or has a quantity limitation.

China: One or more components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC) or exempt.

European Union: All the components in this product are listed on the EINECS inventory or exempt.

Korea: One or more components in this product are listed on the Korean Existing Chemicals List (KECL) or exempt.

New Zealand: One or more components in this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempt.

Philippines: One or more components of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS) or exempt.

15.2 Chemical safety assessment: None required.

16. Other Information.

HMIS Rating: Health 1 Flammability 0 Physical Hazard 0
Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum

Date Revised: 5/15/2024.

SDS Revision History: Updated Section 1.

Supersedes Date: March 25, 2022

CLP/GHS Classification and H Phrases for Reference (See Section 3)

Skin Irrit. 3 Skin Irritation Category 3

Eye Irrit. 2B Eye Irritation Category 2B

H316 Causes mild skin irritation.

H320 Causes eye irritation.

Key literature references and sources for data: ECHA database, GESTIS, eChemPortal, TOXNET

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP): Calculation method

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Date: May 15, 2024	Date: