

**SAFETY DATA SHEET**

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

Date Revised: 3/25/22; Supersedes: 1/22/19

**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

Wißstrasse 26 – 28

D – 44137 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)

**Other Product Information:** [Infor@whipmix.com](mailto:Infor@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)	Not Hazardous	Not Hazardous
Eye Irritation Category 2B (H320)		

**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:** March 25, 2022

**SDS Revision History:** Updated SDS format to comply with Reg (EU) 2020/878.

**Supersedes Date:** January 22, 2019

### 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: March 25, 2022	Date: