



# SAFETY DATA SHEET

Supersedes Date: 15 Feb 2023

Revision Date: 15 Feb 2023

Version: 1.0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Label Name** Gum Gel  
**Other means of identification**  
**UPC Code(s)** Not applicable  
**Product code** 2655-3558  
**Synonyms** Esteam Gum Gel

### Recommended use of the chemical and restrictions on use

**Recommended Use** Adhesive remover  
**Uses advised against** Follow label instructions. Not recommended for any use except intended use.

### Supplier's details

#### **Supplier Address**

Esteam Cleaning Systems  
1-3680 Odyssey Drive  
Mississauga, ON L5M 0Y9  
Canada

#### **Manufacturer Address**

AramSCO Inc.  
4282 South 590 West  
Salt Lake City, UT 84123  
USA

### Emergency telephone number

**Company Phone Number** 1-800-767-6933  
**Company Emergency Phone Number** United States: 1-800-535-5053 (INFOTRAC – 24 hours, 7 days a week)  
International: 1-352-323-3500 (INFOTRAC – 24 hours, 7 days a week)  
**Emergency telephone** Poison Control 1-800-222-1222 (24 hour)

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Flammable Liquids	

### GHS Label elements, including precautionary statements

#### **Emergency Overview**

##### **Warning**

##### **Hazard Statements**

Causes skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction  
Flammable liquid and vapor

**Appearance** clear liquid**Physical state** liquid**Odor** orange**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Use explosion-proof electrical/ventilating/lighting/equipment.  
 Use only non-sparking tools

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 Wash contaminated clothing before reuse.  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction  
 Collect spillage

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other information**

- Harmful to aquatic life with long lasting effects
- Harmful to aquatic life
- Avoid release to the environment

General Hazards

Keep out of reach of children

Please see Section 11. Toxicological Information for further information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
D-Limonene	5989-27-5	40-60	*
Diethylene glycol monobutyl ether	112-34-5	30-40	*
2-(2-methoxypropoxy)propano	34590-94-8	7-13	*
Alcohols, C9-11, ethoxylated	68439-46-3	5-10	*
Propylene glycol monomethyl ether	107-98-2	1 - 5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

**First aid measures for different exposure routes****General advice**

If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

**Eye contact**

Immediately flush with plenty of water. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. After initial flushing, remove any contact lenses and continue flushing for

at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Immediate medical attention is not required.
<b>Toxic - Inhalation</b>	Move to fresh air. Consult a physician. If breathing is irregular or stopped, administer artificial respiration. Use barrier to give mouth-to-mouth resuscitation. Immediate medical attention is not required. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.
<b>Protection of First-aiders</b>	Use personal protective equipment.

**Most important symptoms/effects, acute and delayed**

**Main Symptoms** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

se: Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol-resistant foam.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical**

In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Keep product and empty container away from heat and sources of ignition. Risk of ignition.

**Hazardous Combustion Products** No information available.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.
<b>Advice for emergency responders</b>	For personal protection see section 8.

**Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. Dam up. Take precautionary measures against static discharges.

**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes, and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Do not eat, drink, or smoke when using this product. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks, and open flame. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

**Conditions for safe storage, including any incompatibilities****Technical measures/Storage conditions**

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat and sources of ignition. Keep in properly labeled containers. Keep away from heat.

**Packaging material**

Keep product in packaging product is initially sold in.

**Incompatible products**

None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-(2-methoxypropoxy)propano 34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m3 (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m3 (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m3 (vacated) S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m3 STEL: 150 ppm STEL: 900 mg/m3
Propylene glycol monomethyl ether 107-98-2	STEL: 100 ppm TWA: 50 ppm	(vacated) TWA: 100 ppm (vacated) TWA: 360 mg/m3 (vacated) STEL: 150 ppm (vacated) STEL: 540 mg/m3	TWA: 100 ppm TWA: 360 mg/m3 STEL: 150 ppm STEL: 540 mg/m3
Diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm inhalable fraction and vapor	-	-

NIOSH IDLH: *Immediately Dangerous to Life or Health*

**Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls****Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Tightly fitting safety goggles. Face shields

**Skin and body protection**

No special protective equipment required.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures**

Provide regular cleaning of equipment, work area and clothing. Do not eat, drink, or smoke when using this product. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and chemical properties**

<b>Physical state</b>	liquid	<b>Odor</b>	orange
<b>Appearance</b>	clear liquid	<b>Odor threshold</b>	No information available
<b>Color</b>	None		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
pH	7.0 – 8.0	
Melting point	No information available	
Boiling point/boiling range	> 176°C / 348°F	
Flash Point	54°C / 135°F	Closed cup
Evaporation rate	Same as water	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	0.965	
Water solubility	Miscible in water	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity, kinematic	No information available	
Viscosity, dynamic	No information available	
Explosive properties	No information available	
Oxidizing Properties	No information available	

**Other information**

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density VALUE	No information available
Bulk Density VALUE	No information available

## 10. STABILITY AND REACTIVITY

**Reactivity****Chemical stability**

Stable under recommended storage conditions

**Possibility of hazardous reactions**

None under normal processing

**Hazardous Polymerization**

None under normal processing.

**Conditions to Avoid**

Heat, flames and sparks.

**Incompatible Materials**

None known based on information supplied

**Hazardous Decomposition Products**

None known based on information supplied

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Toxic - Inhalation</b>	May be harmful if inhaled. Avoid breathing vapors or mists.
<b>Eye contact</b>	Risk of serious damage to eyes. Avoid contact with eyes.
<b>Skin contact</b>	Irritating to skin. Avoid contact with skin.
<b>Ingestion</b>	May be harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Orange terpenes 5989-27-5	= 4400 mg/kg (rat)	> 5 g/kg (rabbit)	-
2-(2-methoxypropoxy)propano 34590-94-8	= 5230 mg/kg (rat)	= 9500 mg/kg (rabbit)	-
Alcohols, c9-11, ethoxylated 68439-46-3	1400 mg/kg (rat)	>2 g/kg (rabbit)	-

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.  
**Eye damage/irritation** No information available.  
**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP
Orange Terpenes 5989-27-5	-	Group 3	-

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*X - Present*

*IARC: (International Agency for Research on Cancer)*

*Group 3 - Not Classifiable as to Carcinogenicity in Humans*

**Reproductive toxicity** No information available.  
**Developmental Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Chronic toxicity** Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.  
**Target Organ Effects** Eyes, Respiratory system, Skin, Central nervous system.  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	> 5000 mg/kg
ATEmix (dermal)	> 5000 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

0.72% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Orange Terpenes 5989-27-5	-	0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	-
2-(2-methoxypropoxy)propano 34590-94-8	-	10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L LC50
Diethylene glycol monobutyl ether 112-34-5	100: 96 h Desmodesmus subspicatus mg/L EC50	1300: 96 h Lepomis macrochirus mg/L LC50 static	100: 48 h Daphnia magna mg/L EC50 2850: 24 h Daphnia magna mg/L EC50

#### Persistence and degradability

No information available.

#### Bioaccumulation

No information available.

Chemical Name	Partition coefficient
2-(2-methoxypropoxy)propano 34590-94-8	-0.064

#### Other adverse effects

No information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment

##### **Waste Disposal Methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

##### **Contaminated packaging**

Do not re-use empty containers.

##### **US EPA Waste Number**

D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Orange Terpenes 5989-27-5	Toxic

### 14. TRANSPORT INFORMATION

#### DOT

<b>UN/ID No</b>	UN1993
<b>Proper shipping name</b>	Flammable liquids, n.o.s. (Contains: d-Limonene)
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>Special Provisions</b>	B1, B52, IB3, T4, TP1, TP29
<b>Emergency Response Guide Number</b>	129
<b>49CFR Limited Quantity</b>	For flammable liquids in Packing Group III and combustible liquids, inner packaging not over 5.0 L (1.3 gallons) net capacity each, packed in a strong outer packaging.

**IMDG**

**UN/ID No** UN1993  
**Proper shipping name** Flammable liquids, n.o.s. (Contains: d-Limonene)  
**Hazard class** 3  
**Packing Group** III  
**EmS No.** F-A, S-B  
**Special Provisions**

**IATA**

Not recommended for transportation by air.

**UN/ID No**  
**Proper shipping name**  
**Hazard class**  
**Packing Group**  
**Special Provisions**

<b>15. REGULATORY INFORMATION</b>
-----------------------------------

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	SARA 313 - Threshold Values %
2-(2-methoxypropoxy)propano - 34590-94-8	1.0

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations****California Proposition 65**

This product can expose you to chemicals including Acetaldehyde and 1,4-Dioxane, which are known to the State of California to cause cancer, and Ethylene Glycol and Methanol, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**U.S. State Right-to-Know Regulations**



Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-(2-methoxypropoxy)propano 34590-94-8	X	X	X

**U.S. EPA Label information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

**NFPA**      Health hazard 2      Flammability 2      Instability 0      Physical and chemical hazards -

**HMIS**      Health hazard 2      Flammability 2      Physical Hazard 0      Personal protection X

**Prepared By**                      Aramsco  
Environmental Health & Safety

**Revision Date**                      15 Feb 2023

**Revision Note**  
15 Feb 2023      No information available

**References**      Raw ingredient SDSs

**Disclaimer**

The (M)SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Bridgewater LLC to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Bridgewater LLC assumes no responsibility for injury to the recipient of third persons, or for any damage to any property resulting from misuse of the product.

**End of Material Safety Data Sheet**