

SECTION 1 : Identification of the substance/preparation and of the company / undertaking**(a) GHS product identifier**

Garreco - All Purpose Hydrocolloid Duplicating Material

(e) Emergency phone numberCHEMTRAC 1-800-424-9300
CCN9105**(b) Other means of identification**

N/A

(c) Recommended use of the chemical and restrictions on use

For professional dental applications.

(d) Supplier's detailsGarreco, LLC.
430 Hiram Road
Heber Springs, AR 72543
Phone: 1-800-334-1443**SECTION 2: Hazards identification****(a) GHS classification of the substance/mixture****Substance Name**Agar-Agar
Potassium Aluminum Sulfate
Caustic Potash Flakes
Refined Cotton Seed Oil
Propyl Paraben
Nonylphenol polyethylene glycol ether**(b) Label Elements****Precautionary statements**

IF ON SKIN (or hair): Wash skin and hair thoroughly after handling.

Causes severe skin burns and eye damage.

Wear protective gloves and eye protection.

Hazard Symbol(s)Exclamation Mark
Corrosion**Signal Word(s)**

Danger

(c) Other hazards which do not result in classification**SECTION 3: Composition/information on ingredients****(a) Chemical(s) Identity:****(b) Common Name:**lycerin
Agar-Agar
Potassium Aluminum Sulfate
Caustic Potash Flakes
Refined Cotton Seed Oil
Propyl Paraben
Nonylphenol polyethylene glycol ether**(c) CAS No.**56-81-5
9002-18-0
7784-24-9
1310-58-3
8001-29-4
94-13-3
127087-87-0**Mixture:****Concentration (Percentage)**≤ 90
≤ 10
≤ 5
≤ 5
≤ 1
≤ 1
≤ 1

SECTION 4: First-aid measures

(a) Description of first aid measures:

IF ON SKIN (or hair): Wash skin and hair thoroughly after handling.

Wash contaminated clothing before reuse.

IF SWALLOWED: Call a doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting

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

(b) Most important symptoms and effects, both acute and delayed:

Severe skin burns and eye damage.

(c) Indication of any immediate medical attention and special treatment needed:

Severe skin burns and eye damage.

SECTION 5: Fire-fighting measures

(a) Suitable extinguishing media:

Do not use direct water spray. Use Dry chemical, Carbon Dioxide or Foam.

(b) Special hazards arising from the chemical or mixture:

Negligible fire hazard.

(c) Special protective equipment and precautions for fire-fighters:

Move container from fire area if it can be done without risk. Cool containers with water. Wear NIOSH approved positive-pressure self-contained breathing apparatus operated in pressure demand mode. Avoid contact with skin.

SECTION 6: Accidental release measures

(a) Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective gloves and eye protection.

(b) Environmental precautions:

Do not release into the environment. Keep out of water supplies and sewers.

(c) Methods and material for containment and cleaning up:

Shovel material into suitable container and dispose of according to applicable regulations.

SECTION 7: Handling and storage

(a) Precautions for safe handling:

Wear protective gloves and eye protection. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

(b) Conditions for safe storage, including any incompatibilities:

Keep container tightly closed and in a well-ventilated place.

SECTION 8: Exposure controls/Personal protection**(a) Control parameters:**

Chemical	ACGIH TLV	OSHA PEL TWA
Caustic Potash Flakes	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling

(b) Appropriate Engineering Controls:

Provide eye bath and washing facilities.

(c) Individual protection measures:

Wear protective gloves and eye protection.

SECTION 9: Physical and chemical properties

(a) Appearance:	Gelatin-like solid
(b) Odor:	None
(c) Odor threshold:	ND
(d) pH:	ND
(e) Melting point / freezing point:	ND
(f) Initial boiling point and boiling range:	ND
(g) Flash point: ND	ND
(h) Evaporation rate (BuAc=1):	ND
(i) Flammability:	Low Flammability
(j) Upper/lower flammability or explosive limits:	ND
(k) Vapor Pressure:	ND
(l) Vapor density:	ND
(m) Relative density:	ND
(n) Solubility:	ND
(o) Partition coefficient: n-octanol/water:	ND
(p) Auto-ignition temperature:	ND
(q) Decomposition temperature:	ND
(r) Viscosity:	ND

SECTION 10: Stability and reactivity

(a) Reactivity:	Low reactivity
(b) Chemical stability:	Stable
(c) Possibility of hazardous reactions:	Low
(d) Conditions to avoid:	Avoid storing container in direct sunlight.
(f) Hazardous decomposition products:	ND

SECTION 11: Toxicological information**Acute toxicity**

Skin corrosion/irritation	May cause severe skin burns.
Serious Eye Damage / Irritation	May cause eye damage.
Respiratory or skin sensitization	ND
Germ cell mutagenicity	ND
Carcinogenicity	ND
Reproductive toxicity	ND
STOT-single exposure	ND
STOT-repeated exposure	ND
Aspiration Hazard	ND

(a) Exposure route: Skin or Eyes

(b) Symptoms related to the physical, chemical and toxicological characteristics:

Possible severe skin burns and eye damage.

(c) Delayed and immediate effects and also chronic effects from short and long term exposure:

Possible severe skin burns and eye damage.

(d) Numerical measures of toxicity:

Caustic Potash Flakes	Draize test, rabbit, skin: 50 mg/24H Severe; Oral, rat: LD50 = 273 mg/kg
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SECTION 12: Ecological information

(a) Ecotoxicity:	ND
(b) Persistence and degradability:	ND
(c) Bioaccumulative potential	ND
(d) Mobility in soil:	ND
(e) Other adverse effects:	ND

SECTION 13: Disposal considerations**Product:****Recommendation**

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: Transport information

(a) UN Number	ND
(b) UN Proper shipping name	ND
(c) Transport hazard class(es)	ND
(d) Packing Group	ND
(e) Environmental hazards	ND
(f) Transport in bulk	ND
(g) Other Information	ND

SECTION 15: Regulatory information

SARA Reporting Requirements:	ND
SARA Threshold Planning Quantity:	ND
TSCA Inventory Status:	ND
Other Federal Requirements:	ND
Other Canadian Regulations:	ND
State Regulatory Information:	ND

SECTION 16: Other information**PREPARED BY:** Kristofer Mainar**GAR QMS SDS REFERENCE:**

N/A

HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:0 Health
0 Flammability
0 Reactivity
A Other**REVISION NUMBER:** 201015**CHANGES FROM PREVIOUS VERSION:**

Initial Version

ABBREVIATIONS

NA Not Applicable	LD Lethal Dose
ND Not Determined	TC Toxic Concentration
NE Not Established	TD Toxic Dose
ppm parts per million	BOD Biological Oxygen Demand
G Gallon	COD Chemical Oxygen Demand
mg Milligram	Lo Lowest
L Liter	ThOD Theoretical Oxygen Demand
gm Gram	TLm Threshold Limit
mol Mole	IC Inhibitory Concentration
kg Kilogram	DOC Dissolved Organic Carbon
µ Micro	H Hours
mm Millimeter	M Months
p Pico	D Days
Pa Pascals	Y Years
c cento	W Weeks
LC Lethal Concentration	

ACGIH American Conference of Governmental Industrial Hygienist

CPR Controlled Product's Regulation

DSL Canadian Domestic Substances List

NDSL Canadian Non-domestic Substance List

IARC International Agency for Research for Cancer

NOEL No Observed Effect Level

NOAEL No Observed Adverse Effect Level

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit

TLV Threshold Limit Value

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200) OF CHEMICALS AND THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING REVISION 5. ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.