

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

Vitex Hydrocolloid Duplicating Material (All Purpose and Regular)

(e) Emergency phone number

CHEMTRAC 1-800-424-9300

(b) Other means of identification

N/A

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

For professional dental applications.

(d) Supplier's details

Garreco, 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**

- | | |
|-------------------------------|--|
| 1. Agar-Agar | 4. Refined Cotton Seed Oil |
| 2. Potassium Aluminum Sulfate | 5. Propyl Paraben |
| 3. Caustic Potash Flakes | 6. Nonylphenol polyethylene glycol ether |

(b) Label Elements**Hazard statements**

Harmful if swallowed
Causes severe skin burns and eye damage.

Precautionary statements**Response**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Wash before reuse. Wash skin and hair thoroughly after handling.

IF INGESTED: Call a poison center or doctor if you feel unwell. Rinse mouth. Do not induce vomiting.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center.

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

Storage

Store locked up.

Disposal

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

Hazard Symbol(s)

Exclamation Mark
Corrosion

Signal Word(s)

Danger

(c) Other hazards which do not result in classification

NA

SECTION 3: Composition/information on ingredients**(a) Chemical(s) Identity:****(b) Common Name:**

- Glycerin
- 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): Take off immediately all contaminated clothing. Wash before reuse. Wash skin and hair thoroughly after handling.

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.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center.

(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.

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 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	ND
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 tem 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: LD ₅₀ = 273 mg/kg

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) RATING0 Health
0 Flammability
0 Reactivity
A Other**REVISION NUMBER:**

150109

CHANGES FROM PREVIOUS VERSION:

Initial Version

ABBREVIATIONS

NA Not Applicable
ND Not Determined
NE Not Established
ppm parts per million
G Gallon
mg Milligram
L Liter
gm Gram
mol Mole
kg Kilogram
μ Micro
mm Millimeter
p Pico
Pa Pascals
c cent
LC Lethal Concentration
ACGIH American Conference of Governmental Industrial Hygienist
CPR Controlled Product's Regulation
OSHA Occupational Safety and Health Administration
NDSL Canadian Non-domestic Substance List
IARC International Agency for Research for Cancer

LD Lethal Dose
TC Toxic Concentration
TD Toxic Dose
BOD Biological Oxygen Demand
COD Chemical Oxygen Demand
Lo Lowest
ThOD Theoretical Oxygen Demand
TLm Threshold Limit
IC Inhibitory Concentration
DOC Dissolved Organic Carbon
H Hours
M Months
D Days
Y Years
W Weeks
NOEL No Observed Effect Level
NOAEL No Observed Adverse Effect Level
DSL Canadian Domestic Substances List
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.

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