SAFETY DATA SHEET

503503 ANTHAMBER®

1. IDENTIFICATION

Product Description: **ANTHAMBER®**

CAS # 54464-57-2

FEMA Number N/A

Other means of identification

Vigon Item # 503503

Recommended use Cosmetic material for FDA regulated product use. Concentrated aromatic ingredient which may be used fragrance compounds according to legal and IFRA guidelines.

Recommended restrictions For Manufacturing Use Only

Company

Vigon International, Inc.
127 Airport Road
E. Stroudsburg, PA 18301
For information call: 570-476-6300
Web Site: www.vigon.com

24 Hour Emergency Response Information

INFOTRAC (ACCT# 78928);
1-800-535-5053 WITHIN THE U.S.A.
1-352-323-3500 OUTSIDE THE U.S.A.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name	Vigon International, Inc.	
Address	127 Airport Road E. Stroudsburg, PA 18301 United States	
Telephone	For information call:	570-476-6300
Website	www.vigon.com	
E-mail	regulatory@vigon.com	
Emergency phone number	INFOTRAC 1-800-535-5053 1-352-323-3500	(ACCT# 78928); WITHIN THE U.S.A. OUTSIDE THE U.S.A.

2. HAZARD(S) IDENTIFICATION

Physical hazards	Not classified.	
Health hazards	Skin corrosion/irritation	Category 2
	Sensitization, skin	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2

Label elements

Signal word	Warning
Hazard statement	Causes skin irritation. May cause an allergic skin reaction. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Precautionary statement	
Prevention	Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves.
Response	IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage.
Storage	Store away from incompatible materials.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	100% of the substance consists of component(s) of unknown acute inhalation toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Chemical name	Common name and synonyms	CAS number	%
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2-naphthyl) ethan-1-one	patchouli ethanone ambergris ketone methyl cyclomyrcetone timbrone supra	54464-57-2	100

4. FIRST-AID MEASURES

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.
Skin contact	Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.
Eye contact	Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.
Ingestion	Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.
Most important symptoms/effects, acute and delayed	Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Not available.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, fog, CO_2, dry chemical, or 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	Fire may produce irritating, corrosive and/or toxic gases.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.
Specific methods	Use water spray to cool unopened containers.
General fire hazards	Static charges generated by emptying package in or near flammable vapor may cause flash fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.
Methods and materials for containment and cleaning up	Collect and dispose of spillage as indicated in section 13 of the SDS. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps. The product is immiscible with water and will spread on the water surface. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent product from entering drains. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water.

7. HANDLING AND STORAGE

Precautions for safe handling	Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits This substance has no PEL, TLV, or other recommended exposure limit.

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines

· DNEL (Derived No-Effect Level): Workers - Acute/short-term exposure Local effects - dermal: 101.1 µg/cm²
· DNEL (Derived No-Effect Level): Workers - Long-term exposure
Systemic effects - dermal: 1.73 mg/kg bw/day
Systemic effects - inhalation: 1.76 mg/m³
· DNEL (Derived No-Effect Level): General population - Acute/short-term exposure
Local effects - dermal: 50.6 µg/cm²
· DNEL (Derived No-Effect Level): General population - Long-term exposure
Systemic effects - dermal: 0.86 mg/kg bw/day
Systemic effects - inhalation: 0.43 mg/m³
Systemic effects - oral: 0.25 mg/kg bw/day
· PNEC (Predicted No-Effect Concentration) aqua (freshwater): 2.8 µg/L
· PNEC (Predicted No-Effect Concentration) aqua (marine water): 0.28 µg/L
· PNEC (Predicted No-Effect Concentration) Sewage Treatment Plant: 10 mg/L
· PNEC (Predicted No-Effect Concentration) sediment (freshwater): 3.73 mg/kg sediment dw
· PNEC (Predicted No-Effect Concentration) sediment (marine water): 0.75 mg/kg sediment dw
· PNEC (Predicted No-Effect Concentration) soil: 0.705 mg/kg soil dw
· PNEC (Predicted No-Effect Concentration) oral: 10 mg/kg food
· PNEC (Predicted No-Effect Concentration) aqua (intermittent releases): 13 µg/L

Appropriate engineering controls Use explosion-proof ventilation equipment to stay below exposure limits. Adequate ventilation should be provided so that exposure limits are not exceeded.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Face shield is recommended.

Skin protection

Hand protection Chemical resistant gloves.

Other Use of an impervious apron is recommended.

Respiratory protection Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Refer to Spec Sheet

Physical state Liquid.

Form Liquid.

Color Refer to Spec Sheet

Odor	Characteristic.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	552.2 °F (289 °C)
Flash point	> 200.0 °F (> 93.3 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.0005 mm Hg at 25 °C
Vapor density	8.1
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Molecular formula	C16H26O
Molecular weight	234.38 g/mol 234.38 g/mol
Oxidizing properties	Not oxidizing.
Specific gravity	0.97 at 20 °C

10. STABILITY AND REACTIVITY

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.

Hazardous decomposition products	No hazardous decomposition products if stored and handled as indicated.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Knowledge about health hazard is incomplete.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation. Causes mild eye irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity Not known.

Product	Species	Test Results
1-(1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one (CAS 54464-57-2)		
Presumed Non-Toxic		
Dermal		
LD50	Rabbit	>= 5000 mg/kg
Oral		
LD50	Rat	>= 5000 mg/kg

Skin corrosion/irritation	Causes skin irritation. The substance was found irritating in an in vitro study using a reconstructed human epidermis (EPISKIN)
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation. Based on the irritation properties of two structural analogues, the substance is considered as not irritating to eyes.
Respiratory or skin sensitization	
Respiratory sensitization	Due to partial or complete lack of data the classification is not possible.
Skin sensitization	May cause an allergic skin reaction. The substance was found to be skin sensitizing in several assays performed in mice according to the OECD guideline 429 (LLNA- Local Lymph Node Assay).

Germ cell mutagenicity

Due to partial or complete lack of data the classification is not possible.
No mutagenicity was observed with the substance in several in vitro assays:
- in bacteria (Ames test carried out according to the OECD 471 guideline);
- in mammalian cells (mouse lympoma - test carried out according to OECD 476 guideline).
No genotoxicity was observed in vitro with the substance:
- in a chromosome aberration test in human lymphocytes (test carried out according to OECD 473 guideline).
No genotoxicity was observed in vivo with the substance in mammalian erythrocyte micronucleus tests carried out according to the OECD 474 guideline:
- in rats;
- in male mice.
The results were ambiguous in females.

Carcinogenicity

Due to partial or complete lack of data the classification is not possible.
The substance is not expected to be carcinogenic: it is not mutagenic/genotoxic and there is no evidence from the repeated dose toxicity study that the substance is able to induce hyperplasia or preneoplastic lesions.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity

Due to partial or complete lack of data the classification is not possible.
No developmental effects were observed in an oral toxicity study carried out in rats:
NOAEL (maternal toxicity): 240 mg/kg bw/day (effects on body weight and food consumption)
NOAEL (developmental toxicity): 480 mg/kg bw/day (highest concentration tested).
No reproductive toxicity is supported bu the absence of effects on reproductive organs in the 28-day repeated dose toxicity study.

Specific target organ toxicity - single exposure

Due to partial or complete lack of data the classification is not possible.
No specific target organ was observed in the LD50 determination studies.

Specific target organ toxicity - repeated exposure

Due to partial or complete lack of data the classification is not possible.
A 28-day oral repeated dose toxicity study was conducted with the substance in rats (according to the OECD 407 guideline):
NOAEL: 150 mg/kg bw/day)reversible liver effects).

Aspiration hazard

Due to partial or complete lack of data the classification is not possible.
No aspiration hazard expected.

Further information

CMR effects (carcinogenity, mutagenicity, and toxicity for reproduction)
Acoording to Regulation (EC) No 1272/2008, the substance is not considered to be CMR

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.
Short term tests were conducted
Water accomodated fractions (WAF) of the ¹4C-labeled substance were prepared (the treatment solutions were stirred during 20 hours and left to settle for one hour). Concentrations were measured using Liquid Scintillation Counting.
Longer term tests were also carried out.
Flow-through systems were used with the ¹4C-labeled substance dissolved in acetone. Concentrations were measured using Liquid Scintillation Counting.
NOEC in a 28-d test is available for three different invertebrate species of sediment organisms, representing different living and feeding conditions: the lowest NOEC, based on measured concentrations, is 17.1 mg/kg dw (tests carried out according to or in line with the OECD 218 guideline).

Product		Species	Test Results
1-(1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one (CAS 54464-57-2)			
Aquatic			
Acute			
Algae	EC50	Green algae (Desmodesmus subspicatus)	> 2.6 mg/l, 72 hours (based on biomass) - Algae study carried out according to a method similar to the OECD 201 guideline
			> 2.6 mg/l, 72 hours (based on growth rate) - Algae study carried out according to a method similar to the OECD 201 guideline
	NOEC	Green algae (Desmodesmus subspicatus)	2.6 mg/l, 72 hours (based on growth rate) - Algae study carried out according to a method similar to the OECD 201 guideline
Crustacea	EC50	Daphnia magna	1.38 mg/l, 48 hours Daphnia study carried out according to a method similar to the OECD 202 guideline
Fish	LC50	Bluegill (Lepomis macrochirus)	1.3 mg/l, 96 hours Fish study carried out according to a method similar to the OECD 203 guideline
Chronic			
Crustacea	LOEC	Daphnia magna	0.244 mg/l, 21 days (based on body length) - Daphnia study carried out according to the OECD 211 guideline
			0.096 mg/l, 21 days (based on reproduction) - Daphnia study carried out according to the OECD 211 guideline

Product		Species	Test Results
	NOEC	Daphnia magna	0.448 mg/l, 21 days (based on mortality) - Daphnia study carried out according to the OECD 211 guideline
			0.096 mg/l, 21 days (based on body length) - Daphnia study carried out according to the OECD 211 guideline
			0.028 mg/l, 21 days (based on reproduction) - Daphnia study carried out according to the OECD 211 guideline
Fish	LOEC	Danio rerio	0.29 mg/l, 30 days (based on length and weight) - Fish study carried out according to the OECD 210 guideline
	NOEC	Danio rerio	0.54 mg/l, 30 days (based on time to hatch) - Fish study carried out according to the OECD 210 guideline
			0.54 mg/l, 30 days (based on egg survival) - Fish study carried out according to the OECD 210 guideline
			0.3 mg/l, 30 days (based on post hatch survival) - Fish study carried out according to the OECD 210 guideline
			0.16 mg/l, 30 days (based on length and weight) - Fish study carried out according to the OECD 210 guideline

Persistence and degradability

Although the substance did not readily biodegrade under the conditions of the screening test, it was shown to be rapidly biodegradable in a river water die-away study with a half-life time for primary degradation of ca 1 day.
The half-time time in a river sediment and in agricultural and sludge amended soils was found to be 10 days, 4.2 days and 6 days respectively. These results show that the substance will be rapidly biodegraded under natural conditions.
The constituents of the substance are not considered to be Persistent, Bioaccumulating and Toxic (PBT).
The constituents of the mixture are not considered to be very persistent and very bioaccumulating (vPvB).

Bioaccumulative potential

Bioconcentration and metabolism of the substance was studied with the Bluegill sunfish (Lepomis macrochirus) according to the OECD 305 guideline (flow-through system).
High concentration treatment
BCF: 593 (steady state - time of plateau: 3.6 d - average over day 14 and 21 - lipid content 7.7%)
Low concentration treatment
BCF: 603 (steady state appoach - time of plateau: 3.6 d - average over day 14 and 21 - lipid content 7.7%).

Mobility in soil	No measured data available. Other information: Partitioning bewteen effluent and sludge (coefficient Kd) was derived directly from concentrations of the substance in these matrices in 18 sewage treatment plants: 2.98-4.18.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. DISPOSAL CONSIDERATIONS

Disposal instructions	Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	Not established.
Waste from residues / unused products	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

ADN

UN number	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one)
Transport hazard class(es)	9
Subsidiary class(es)	-
Packing group	III
Environmental hazards	Yes
Labels required	9

ADR

UN number	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one)
Transport hazard class(es)	9
Subsidiary class(es)	-
Packing group	III
Environmental hazards	Yes
Labels required	9

RID

UN number	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one)
Transport hazard class(es)	9
Subsidiary class(es)	-
Packing Group	III

Environmental Hazards	Yes
Labels required	9
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

DOT

BULK

UN number	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one)
Hazard class	9
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Packaging exceptions	155
Packaging bulk	241
Labels required	9

DOT

NON-BULK

Not regulated as dangerous goods.

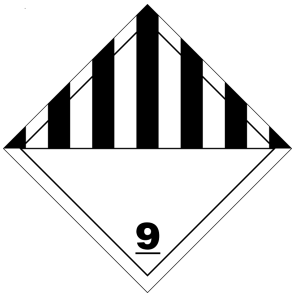
IATA

Not regulated as dangerous goods.

IMDG

UN number	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2- naphthyl) ethan-1-one)
Transport hazard class(es)	9
Subsidiary class(es)	-
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Labels required	9
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

ADN; ADR; DOT BULK; IMDG; RID



Marine pollutant

15. REGULATORY INFORMATION

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

Classified hazard categories Skin corrosion or irritation
Respiratory or skin sensitization

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue date 11-25-2015

Revision date 05-05-2020

Version #	03
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0
Disclaimer	Vigon International, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, and disposal and should not be considered as a guarantee or quality specification. This product has not been evaluated for safe use in e-cigarettes or any vaping application where the product(s) is/are intentionally vaporized and inhaled. Vigon International, Inc. has performed no testing on these products in e-cig/vaping applications. It is the sole responsibility of the individual(s) purchasing this product to assess its' safety in the final application. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal, and should not be considered as a guarantee or quality specification. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is considered to be accurate to the best of Vigon's knowledge as of the date of this document. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.
Revision information	Product and Company Identification: Vigon Values HAZARD(S) IDENTIFICATION: Prevention HAZARD(S) IDENTIFICATION: Supplemental information EXPOSURE CONTROLS/PERSONAL PROTECTION: General hygiene considerations EXPOSURE CONTROLS/PERSONAL PROTECTION: Other Physical & Chemical Properties: Multiple Properties Toxicological Information: Toxicological Data TOXICOLOGICAL INFORMATION: Respiratory sensitization TOXICOLOGICAL INFORMATION: Ingestion TOXICOLOGICAL INFORMATION: Inhalation REGULATORY INFORMATION: California Proposition 65 REGULATORY INFORMATION: Safe Drinking Water Act (SDWA) OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION: Reference s HazReg Data: North America