

SAFETY DATA SHEET

Chem-Set™ 1812

Issue Date 02-Nov-2015

Revision Date 03-Nov-2015

Version 1

1. IDENTIFICATION

Product identifier

Product Name SYNTHETIC LATEX

Other means of identification

Product Code Chem-Set™ 1812

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use No information available.

Uses advised against No information available

Details of the supplier of the safety data sheet

Chemical Concepts, Inc.
410 Pike Road, Huntingdon Valley, PA 19006

Emergency telephone number

Company Phone Number 1-800-220-1966

Emergency Telephone INFOTRAC: 1-800-535-5053

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements

Emergency Overview

Appearance Milky White

Physical state liquid

Odor No information available

Hazards not otherwise classified (HNOC)

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

The product contains no substances which at their given concentration, are considered to be hazardous to health.

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4. FIRST AID MEASURES

Description of first aid measures

General advice	Move victim to a safe isolated area.
Eye contact	Flush with large quantities of water for 15 minutes and seek medical attention without delay, preferably from an ophthalmologist.
Skin contact	Not a likely hazard, but if a rash develops seek medical attention. If product gets on skin simply wash with soap and water.,.
Inhalation	Remove to fresh air. If not breathing, give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. Call a physician.
Ingestion	Stomach acid will coagulate the latex. Seek immediate medical attention for blockage.
Self-protection of the first aider	Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray, fog or regular foam.

Small Fire	Water, water fog, foam.
Large Fire	Foam, CO2, Dry Chemical, Water, Fog, Other.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical

May cause eye irritation with prolonged contact. Runoff may pollute waterways. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO2).

Explosion data

Sensitivity to Mechanical Impact No data available.

Sensitivity to Static Discharge Not applicable.

Protective equipment and precautions for firefighters

Any class B extinguishing media can be used. Firefighters or those exposed to products of decomposition should wear full protective clothing and a positive pressure, self-contained breathing apparatus. Thoroughly clean equipment after use.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation, especially in confined areas.
Other Information	Use water spray to reduce vapors or divert vapor cloud drift. Ventilate the area.
For emergency responders	Eliminate ignition sources, provide ventilation, dike the spill area and add absorbent earth or sawdust to the spilled material. Clean-up personnel should wear rubber gloves and respiratory protection. Prevent spill from entering drains, sewers, streams, or other bodies of water. Notify authorities as required.

Environmental precautions

Environmental precautions	Collect absorbent material into metal waste containers and dispose of in accordance with all local, state, and federal hazardous waste regulations pertaining to the listed hazardous chemical. See Section 13 for additional disposal information.
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Methods and material for containment and cleaning up

Methods for containment	In case of a spill, apply saw dust or sweeping compound to soak up.
Methods for cleaning up	For waste disposal purposes, a liquid with a pH between 2.0 and 12.5 is not defined as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40 CFR 261). Incinerate waste product in liquid form in a properly permitted incineration facility in accordance with federal, state, and local regulations. Liquids cannot be disposed of in a landfill. This product may be coagulated to separate the liquid from the polymer. The liquid portion may be discharged into an industrial or public treatment works with approval of appropriate permitting authorities. Solids may be sent to an approved landfill, or preferably incinerated.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Store in a cool, dry place away from oxidizing materials.
Packaging materials	Polyethylene, polypropylene, or lined metal containers.
Incompatible materials	Strong acids and salts will coagulate the latex; be sure to remain in the recommended pH range.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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Appropriate engineering controls

Engineering Controls	Safety eye baths and showers should be nearby in work area.
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Individual protection measures, such as personal protective equipment

Eye/face protection	Use chemical safety glasses, goggles, or face shields for protection. Eye wash stations should be in the immediate work area.
Skin and body protection	The use of rubber gloves is recommended when skin contact cannot be avoided.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General Hygiene Considerations	Handle all chemicals with caution and care. Always wash hands before eating, smoking, or using toilet facilities. As with all chemicals, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid	Odor	No information available
Appearance	Milky White	Odor threshold	No information available
Color	Milky white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	100 °C	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit 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	1.1001 g/cc	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	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	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity
 Not applicable
 No data available

Chemical stability
 Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization	Hazardous polymerization does not occur.
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Conditions to avoid

Do not freeze the containers or the product may coagulate and separate, rendering it unusable.

Incompatible materials

Strong acids and salts will coagulate the latex; be sure to remain in the recommended pH range.

Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Irritating to eyes, skin and respiratory tract Product does not present an acute toxicity hazard based on known or supplied information
Inhalation	Vapors may be irritating to eyes, nose, throat, and lungs.
Eye contact	May cause irritation.
Skin contact	May cause skin irritation and/or dermatitis.
Ingestion	Will cause discomfort and internal irritation. Stomach acids may coagulate the latex and result in intestinal blockage.

Information on toxicological effects

Symptoms May cause eye irritation. May cause an allergic skin reaction.

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

Skin corrosion/irritation	Irritating to skin.
Serious eye damage/eye irritation	Irritating to eyes.
Irritation	Repeated exposure may cause skin dryness or cracking.
Corrosivity	No information available.
Sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
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 . mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects

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

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Resin Acids and Rosin Acids, Sodium 61790-51-0	18.0 - 20.0: 72 h Pseudokirchneriella subcapitata mg/L EC50	5.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static	76: 48 h Daphnia magna mg/L EC50
2,2',2-NITRILOTRIETHANOL 102-71-6	169: 96 h Desmodosmus subspicatus mg/L EC50 216: 72 h Desmodosmus subspicatus mg/L EC50	10600 - 13000: 96 h Pimephales promelas mg/L LC50 flow-through 450 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 1000:	1386: 24 h Daphnia magna mg/L EC50

		96 h Pimephales promelas mg/L LC50 static	
Petroleum Distillates 64742-65-0	-	5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
Vinyl acetate monomer 108-05-4	-	15.04 - 21.54: 96 h Lepomis macrochirus mg/L LC50 static 26.1 - 36.63: 96 h Poecilia reticulata mg/L LC50 static 14: 96 h Pimephales promelas mg/L LC50 static	52: 24 h Daphnia magna mg/L EC50
Diethylene glycol monobutyl ether 112-34-5	100: 96 h Desmodosmus subspicatus mg/L EC50	1300: 96 h Lepomis macrochirus mg/L LC50 static	2850: 24 h Daphnia magna mg/L EC50 100: 48 h Daphnia magna mg/L EC50
Potassium hydroxide 1310-58-3	-	80: 96 h Gambusia affinis mg/L LC50 static	-

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

For waste disposal purposes, a liquid with a pH between 2.0 and 12.5 is not defined or designated as hazardous by current provisions of the Federal (FDA) Resource Conservation and Recovery Act (RCRA, 40 CFR 261). Incinerate waste product when in liquid form in a properly permitted incineration facility in accordance with federal, state and local regulations. Liquids cannot be disposed of in a landfill. The product may be coagulated to separate the liquid from the polymer. The liquid portion may be discharged to an industrial or public treatment works with approval of appropriate permitting authorities. Solids can be sent to an approved landfill or preferably incinerated. This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Do not contaminate ponds, waterways, or ditches with chemical or used container. This product should not be allowed to enter drains, water courses, or the soil.

Contaminated packaging

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

14. TRANSPORT INFORMATION

DOT

Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA

Complies

DSL/NDSL

Complies



ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Does not comply
AICS	Complies

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

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

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (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 does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

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

HMIS Health hazards 1 Flammability 0 Physical hazards 0 Personal protection B

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Revision Note

No information available

Disclaimer

The data set forth in these sheets are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. Worthen Industries makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereon.



End of Safety Data Sheet