

SAFETY DATA SHEET

SafeGard M1

Section 1 – Identification

GHS product identifier : SafeGard M1
Product Code : 5042-S
Other means of identification : Not available
Product type : Liquid

Relevant identified areas of uses of the substance of mixture and uses advised against
Identified uses: Rust preventive coating and lubricant

Uses advised against: Not available Reason:

Supplier's details : Sanchem Inc
1600 S. Canal St
Chicago, IL 60616

Emergency Telephone Number: 24 hr. Chemtrec 1-800-424-9300

Section 2 – Hazard identification

OSHA/HCS status : While this materials is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of substance or mixture: Not Classified

GHS label elements

Signal word : No signal word.
Hazard statements : No significant effects or critical hazards.

Precautionary statements

Prevention : Not applicable
Response : Not applicable
Storage : Not applicable
Disposal : Not applicable

Hazards not otherwise classified : None known.

Section 3 – Composition/information on ingredients

Substance/mixture : Mixture
Chemical Name : Not available
Other means of identification : Not available
CAS number : Not applicable

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Section 4 – First aid measures

Eye : Immediately flush eye with plenty of water, occasionally lifting the upper and eyelids. Check for and remove any contact lens. Get medical attention.

Inhalation : N/A

Skin contact : Wash skin thoroughly with soap and water or use recognized skin cleaner. Remove contaminated clothing and shoes. Get medical attention if systems occur.

Ingestion : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position (Swallowing): First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards

Inhalation : No known significant effects or critical hazards

Skin contact : No known significant effects or critical hazards

Ingestion : No known significant effects or critical hazards

Over-exposure signs/symptoms

Eye contact : No specific data

Inhalation : No specific data

Skin contact : No specific data

Ingestion : No specific data

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

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5 – Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Non Flammable

Specific hazards arising from the chemical : No specific fire or explosion hazard.

Hazardous thermal decomposition products : After water is removed, dried coating combustion can yield carbon dioxide and carbon monoxide.

Special protective actions for fire-fighters training. : None

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 – Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency : No action shall be taken involving any personal risk or without suitable training. Evacuate personnel surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Move containers from spill area. Absorb with a dry absorbent and place in a designated, labeled waste container dispose with scavanger. Flush area with water.

Large spill : Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Absorb with a dry absorbent and place in a designated, labeled waste container dispose with scavenger. Flush area with water. Vacuum or sweep up material and place in a designated, labeled waste container

Section 7 – Handling and storage

Precautions for safe handling:

Protective measures : Put on appropriate personal protective equipment (see Section 8).

Advise on general Occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage : Store in a cool dry area

Section 8 – Exposure controls/personal protection

Control parameters Occupational exposure limits: None.

Appropriate engineering: Controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants

Environmental controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location

Eye/face protection Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9 – Physical and chemical properties

Appearance	
Physical state	: Brown Liquid
Color Odor	: Brown, Fruity Odor
pH	: 8.5 to 10.0
Melting point	: > 32°F / 0°C
Boiling point	: > 212 F / 100 °C
Flash point	: N/A
Evaporation rate	: Same as water
Flammability (solid, gas)	: N/A
Lower and upper explosive (Flammable) limits	: N/A
Vapor pressure	: (18 mm Hg) [room temperature]
Water soluble	: Complete
Specific Gravity	: 0.92 to 1.0
Auto-ignition temperature	: N/A
Decomposition temperature	: N/A
Viscosity	: 150 - 300 c. p.s. at 25°C / 80° F

Section 10 – Stability and reactivity

Reactivity ingredients	: Do not mix with strong acids or strong oxidizers
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Do not Freeze
Incompatible materials	: Do not mix with strong acids or strong oxidizers
Hazardous decomposition	: None, polymerization will not occur.

Section 11 – Toxicological information

Chronic data: No definitive information available on carcinogenicity, mutagenicity target organ or development toxicity.

Section 12 – Ecological information

Not Evaluated

Section 13 –Disposal considerations

The material, if discarded as produced, is not a RCRA “listed” hazardous waste. However, it should be fully evaluated for hazardous waste characteristics prior to disposal (40 CFR 261). Use which results in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

Container contents should be completely used and containers should be emptied prior to discard. Container rinsate should be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum re-conditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

RCRA classification: Not Regulated

Section 14 –transportation information

	DOT Classification	TDG Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

Section 15 – Regulatory information

US Regulations:

CERCLA/SARA – Section 311/312 (Title III Hazard Categories)

Acute Health: **No**
Chronic Health: **No**
Fire Hazard: **No**
Pressure Hazard: **No**
Reactive Hazard: **No**

CERCLA/SARA – Section 313 and 40 CFR 372:

This material contains the following chemical subject to the reporting requirements of SARA 302 and 40 CFR 372: -None Known-

EPA (CERCLA) Reportable Quantity (in pounds): **-None Known-**

CERCLA/SARA – Section 302 Extremely Hazardous Substances and TPQs (in pounds):

This material contains the following chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372: -None Known-

California Proposition 65:

Warning: This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA health & Safety Code Section 25249.2): -None Know

Carcinogen Identification: **This material has not been identified as a carcinogen by NTP, IARC, or OSHA**

TSCA: **All components are listed on the TSCA inventory.**

International Regulations:

Canadian Regulations:

Domestic Substances List: **Listed**
WHMIS Hazard Class: **Not Regulated**

International Inventories:

Australia (AICS)
China
Europe (EINECS)
Japan (ENCS)
Korea (ECL)
Philippines (PICCS)

Section 15 – Regulatory information continued:

Clean Air Act Section 602 : Not listed
Class II Substances

DBA List I Chemicals : Not listed
(Precursor Chemicals)

DEA List II Chemicals : Not listed

SARA 302/304

Composition/information on ingredients : No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients No products were found.

State regulations

Massachusetts : This material is not listed

New York : This material is not listed

New Jersey : This material is not listed

Pennsylvania : This material is not listed

California Prop. 65

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International lists

National inventory

Australia : This material is listed or exempted.

Canada : This material is listed or exempted.

China : This material is listed or exempted.

Europe : This material is listed or exempted

Japan : This material is listed or exempted

Malaysia : This material is listed or exempted

New Zealand : This material is listed or exempted

Philippines : This material is listed or exempted

Republic of Korea : This material is listed or exempted

Taiwan : This material is listed or exempted

Section 16 – Other information

History

Date of issue/Date of revision : 4-8-2015

Version : 1

H-Health : 0

Flammability : 0

Physical Hazards : 0

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.