

SAFETY DATA SHEET

SafeGard CC-4100 RTU

Section 1 – Identification

GHS product identifier : SafeGard CC-4100 RTU
Product Code : 5161-C
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: Conversion coating

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

GHS Classification Not classified as dangerous for supply/use.
EC Classification Not classified as dangerous for supply/use.
Hazards summary None.
Hazard pictogram(s)
Signal word(s) None.
Hazard statement(s) None.

Precautionary statement(s)
EC Classification Not classified as dangerous for supply/use.
Hazard Symbol
Risk Phrases None.
Safety Phrases None

Section 3 – Composition/information on ingredients

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

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 Contact Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.
Skin Contact Wash affected skin with plenty of water. If symptoms develop, obtain medical attention.
Inhalation Remove patient from exposure, keep warm and at rest. Obtain medical attention.
Ingestion Do not induce vomiting. Wash out mouth with water. Obtain medical attention.

Most important symptoms and effects, both acute and delayed See section 2 and or section 11.

Indication of any immediate treatment needed No Data Available.

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 scavenger. Flush area with water.
- Large spill** : Wash down areas with large volumes of water. Increase pH to 8-8.5, materials in solution will form a precipitate. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Then 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 are away from strong reducing agents.

See Also Section 10.

Section 8 – Exposure controls/personal protection

Control parameters

Occupational Exposure Limits	No Occupational Exposure Limit assigned
Exposure controls	Wear protective equipment to comply with good occupational hygiene practice. Do not eat, drink or smoke at the work place.
Appropriate engineering controls	Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

Personal Protection

Respiratory protection	Respiratory protection not normally required. Advice on respiratory protective equipment is given in the HSE (Health and Safety Executive) publication HS(G)53.
Eye/face protection	Chemical goggles (EN 166).
Skin protection	Wear suitable protective clothing and gloves. Plastic or rubber gloves.

Environmental Exposure Controls The primary *hazard* of a mild acid. Avoid release to the environment.

Section 9 – Physical and chemical properties

Information on basic physical and chemical properties

Appearance	white Liquid
Odor	Odorless
Odor Threshold (ppm)	Not Applicable
pH (Value)	1.5 – 3.5
Freezing Point (°C)	0 C / 32 F
Melting Point (°C)	0 C / 32 F
Boiling Point (°C)	100 C / 212F
Flash Point (°C) [Closed cup]	Not Applicable
Evaporation rate	Not Applicable
Flammability (solid, gas)	Not Applicable
Explosive Limit Ranges	Not Applicable
Vapor Pressure (mm Hg)	Not Applicable
Vapor Density (Air=1)	Not Applicable
Density (g/ml)	1.0 g/cm ³
Solubility	soluble
Solubility (Other)	No Data
Partition Coefficient	No Data
Auto ignition Point (°C)	Not Applicable
Decomposition Temp (°C)	Not Applicable
Viscosity (mPa. s)	Not Applicable
Explosive properties	Not Applicable
Oxidizing Properties	Not Applicable

Other information No Data

Section 10 – Stability and reactivity

Reactivity	Stable
Chemical stability	Stable
Conditions to avoid	None Known
Incompatible materials	None Known
Hazardous decomposition product(s)	None Known

Section 11 – Toxicological information

Information on toxicological effects

Acute toxicity

Ingestion	Material will cause irritation.
Inhalation	Mist is irritant to the respiratory tract.
Skin Contact	Repeated and/or prolonged skin contact may cause slight irritation.
Eye Contact	Liquid or mist may cause discomfort and mild irritation.

Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Sensitization	Not sensitizing.
Carcinogenicity	No structural alerts.
Reproductive toxicity	No evidence of reproductive toxicity or developmental toxicity.
Other information	Not classified

Section 12 – Ecological information

Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available as PBT or vPvB.
Other adverse effects	If disposed of improperly, this material will have a local effect on ecosystems.

Section 13 – Disposal considerations

13.1 Waste treatment methods	Offer surplus and non-recyclable solutions to a licensed disposal company,
Contaminated packaging	Dispose of as unused product.

Section 14 – Transportation Information

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

Section 15 – Regulatory information

SARA 302 Components	Not subject to the reporting requirements
SARA 311/312 Hazards	Chronic Health Hazard
TSCA Inventory Status:	Reported/Included.
AICS Inventory Status:	Reported/Included.
DSL/NDSL Inventory Status:	Reported/Included.
California Prop. 65 Components:	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16 – Other information

Date of issue/Date of revision : 4-10-19

Version : 2

Data referenced in this eSDS is from company-owned information and from data legitimately accessed through membership of Industry Consortia or other agreements. This includes data relating to toxicology, ecotoxicology, DNELs, PNECs and other information in this eSDS and its annex.

The following sections contain revisions or new statements: All sections updated to comply with Regulation (EC) No.1907/2006 (REACH) and Regulation (EC) No.1272/2008 (CLP) and their amendments.

HMIS Rating

Health hazard:	1
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	1
Fire Hazard:	0
Reactivity Hazard;	0

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