

Issue Date 21-Dec-2012

Revision Date 21-Dec-2012

Version 1

1. IDENTIFICATION

Product Identifier

Product Name CHRIS STIX/ ALL COLORS

Other means of identification

SDS # CHRIS STIX

Recommended use of the chemical and restrictions on use

Recommended Use Soap.

Details of the supplier of the safety data sheet

Supplier Address

Chris Christensen Systems Inc.
PO Box 961
Fairfield, TX 75840

Emergency telephone number

Company Phone Number 903-389-7949
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product

Appearance colored soap on a stick:

white
black
gray/ blue
red/brown
tan
light brown
mustard
rust
ivory

Physical state Solid

Odor Pleasant

Hazards not otherwise classified (HNOC)

Not Applicable

Other Information

Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% | Trade Secret |
|---------------------|-------------|-------------|--------------|
| Water | 7732-18-5 | Proprietary | * |
| Toilet soap base | Proprietary | Proprietary | * |
| Titanium dioxide | 13463-67-7 | Proprietary | * |
| Sorbitol | 50-70-4 | Proprietary | * |
| Proprietary oil mix | Proprietary | Proprietary | * |
| Glycerol | 56-81-5 | Proprietary | * |

4. FIRST AID MEASURES**First aid measures**

| | |
|---------------------|---|
| Inhalation | Not an expected route of exposure. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |
| Skin Contact | Non-toxic in contact with skin. |

Most important symptoms and effects, both acute and delayed

| | |
|-----------------|---|
| Symptoms | Can cause allergic response in susceptible or hypersensitive individuals upon repeated or prolonged exposure. |
|-----------------|---|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.**Specific hazards arising from the chemical**

Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for containment Not Applicable.

Methods for cleaning up After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--------------------------------|--------------------------------|--|------------------------------|
| Titanium dioxide 13463-67-7 | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust | IDLH: 5000 mg/m ³ |
| Glycerol 56-81-5 | TWA: 10 mg/m ³ mist | TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction | - |

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes.

Skin and body protection No special technical protective measures are necessary.

Respiratory protection No protection is ordinarily required under normal conditions of use and with adequate ventilation.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Solid

| | | | |
|-------------------------------------|---|-------------------------|----------------|
| Appearance | colored soap on a stick: white black gray/ blue red/brown tan light brown mustard rust ivory | Odor | Pleasant |
| Color | Not determined | Odor threshold | Not determined |
| Property | Values | Remarks • Method | |
| pH | Not determined | | |
| Melting point/freezing point | Not determined | | |
| Boiling point/boiling range | Not determined | | |
| Flash point | Not determined | | |
| Evaporation rate | Not determined | | |
| Flammability (solid, gas) | Not determined | | |
| Flammability Limits in Air | | | |
| Upper flammability limits | Not determined | | |
| Lower flammability limit | Not determined | | |
| Vapor pressure | Not determined | | |
| Vapor density | Not determined | | |
| Specific Gravity | Not determined | | |
| Water solubility | Miscible in water | | |
| Solubility in other solvents | Not determined | | |
| Partition coefficient | Not determined | | |
| Autoignition temperature | Not determined | | |
| Decomposition temperature | Not determined | | |
| Kinematic viscosity | Not determined | | |
| Dynamic viscosity | Not determined | | |
| Explosive properties | Not determined | | |
| Oxidizing properties | Not determined | | |

Other Information**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Keep out of reach of children.

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

| | |
|---------------------|--|
| Inhalation | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| Eye contact | May cause temporary irritation on eye contact. |
| Skin Contact | Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. |
| Ingestion | May cause discomfort if swallowed. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------------|-----------------------|----------------------|-----------------|
| Titanium dioxide 13463-67-7 | > 10000 mg/kg (Rat) | - | - |
| Sorbitol 50-70-4 | = 15900 mg/kg (Rat) | - | - |
| Glycerol 56-81-5 | 12600 mg/kg (Rat) | >21900 mg/kg (Rat) | - |
| Water 7732-18-5 | > 90 mL/kg (Rat) | - | - |

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

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

Carcinogenicity Carcinogenic potential is unknown.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|--------------------------------|-------|----------|-----|------|
| Titanium dioxide 13463-67-7 | | Group 2B | | X |

Numerical measures of toxicity- Product

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---------------------|----------------------|--|----------------------------|------------------------------------|
| Glycerol 56-81-5 | | 51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static | | >500: 24 h Daphnia magna mg/L EC50 |

Persistence and degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

| Chemical Name | Partition coefficient |
|---------------|-----------------------|
| | |

| | |
|---------------------|---|
| Glycerol 56-81-5 | 0 |
|---------------------|---|

Other adverse effects Not determined

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

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

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - 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

US Federal Regulations

SARA 311/312 Hazard Categories

US State Regulations

| Chemical Name | California Proposition 65 |
|-------------------------------|---------------------------|
| Titanium dioxide - 13463-67-7 | Carcinogen |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Titanium dioxide 13463-67-7 | X | X | X |

| | | | |
|---------------------|---|---|---|
| Glycerol 56-81-5 | X | X | X |
|---------------------|---|---|---|

U.S. EPA Label Information**16. OTHER INFORMATION****NFPA****Health hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health hazards**

Not determined

Flammability

Not determined

Physical hazards

Not determined

Personal protection

Not determined

Issue Date

21-Dec-2012

Revision Date

21-Dec-2012

Revision Note

new format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet