1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name SCRUBS® Solar Guard™ Sunscreen Wipe

Other means of identification

Product Code(s) 91201

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Sunscreen

Uses advised against None reasonably foreseeable

Supplier’s details

Supplier Address
ITW Pro Brands
805 E. Old 56 Highway
Olathe, KS 66061
TEL: 1-800-443-9536

Emergency telephone number

Emergency Telephone Number 800-535-5053 Infotrac

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Skin Sensitization</th>
<th>Category 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquids</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

GHS Label elements, including precautionary statements

Emergency Overview
Signal Word: Danger

Hazard Statements
• May cause an allergic skin reaction
• Highly flammable liquid and vapor.

Appearance: Yellow
Physical State: Liquid
Odor: Spice

Precautionary Statements

Prevention
• Avoid breathing dust/fume/gas/mist/vapors/spray
• Contaminated work clothing should not be allowed out of the workplace
• Keep away from heat/sparks/open flames/hot surfaces - No smoking
• Keep container tightly closed
• Ground/bond container and receiving equipment
• Use explosion-proof electrical/ventilating/lighting/equipment
• Use only non-sparking tools
• Take precautionary measures against static discharge
• Wear protective gloves/protective clothing/eye protection/face protection.

General Advice
• None

Skin
• If skin irritation or rash occurs: Get medical advice/attention
• Wash contaminated clothing before reuse
• IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Fire
• In case of fire: Use CO2, dry chemical, or foam for extinction.

Storage
• Store in a well-ventilated place. Keep cool.

Disposal
• Dispose of contents/container to an approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)
Not applicable

Other information
Toxic to aquatic life.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>60-100</td>
<td>*</td>
</tr>
<tr>
<td>2-Hydroxy-4-methoxybenzophenone</td>
<td>131-57-7</td>
<td>3-7</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.
4. FIRST AID MEASURES

**Description of necessary first-aid measures**

**Eye Contact**  
Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact**  
None normally required. Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**Inhalation**  
Not an expected route of exposure. Move to fresh air. If symptoms persist, call a physician.

**Ingestion**  
Not an expected route of exposure. If large quantities of this material are swallowed, call a physician immediately.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects**  
Not expected to give rise to an acute hazard under normal condition of use.

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

**Notes to Physician**  
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**  
Dry chemical. Carbon dioxide (CO₂). Foam.

**Unsuitable Extinguishing Media**  
CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**  
Vapors may travel to source of ignition and flash back.

**Hazardous Combustion Products**  

**Explosion Data**

| Sensitivity to Mechanical Impact | None. |
| Sensitivity to Static Discharge   | Yes.  |

**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. High risk of slipping due to leakage/spillage of product. Remove all sources of ignition.

**Environmental Precautions**

**Environmental Precautions**

Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the environment. See Section 12 for additional Ecological Information. Dispose of contents/container to an approved waste disposal plant.

**Methods and materials for containment and cleaning up**

**Methods for Containment**

Prevent further leakage or spillage if safe to do so.
**Methods for Cleaning Up**

Small spillage: Wipe up with absorbent material (e.g. cloth, fleece). Large spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

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**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling**

Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.

**Conditions for safe storage, including any incompatibilities**

**Storage**

Keep container closed when not in use. Keep container tightly closed in a dry and well-ventilated place. Do not contaminate food or feed stuffs. Keep out of the reach of children. Keep away from heat and sources of ignition.

**Incompatible Products**


---

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>STEL: 1000 ppm</td>
<td>TWA: 1000 ppm</td>
<td>IDLH: 3300 ppm 10% LEL</td>
</tr>
</tbody>
</table>

**Appropriate engineering controls**

**Engineering Measures**

Eyewash stations.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

No special protective equipment required. Avoid contact with eyes.

**Skin and Body Protection**

No special protective equipment required.

**Respiratory Protection**

None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Property**

<table>
<thead>
<tr>
<th>Values</th>
<th>Remarks/ - Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>6.7</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>82.222 °C / 180 °F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>16.667 °C / 62 °F</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability Limits In Air</td>
<td>upper flammability limit</td>
</tr>
<tr>
<td></td>
<td>lower flammability limit</td>
</tr>
</tbody>
</table>
Vapor Pressure | No data available | None known
Vapor Density | > 1 (air = 1) | None known
Relative Density | No data available | None known
Specific Gravity | 0.856 | None known
Water Solubility | Miscible with water | None known
Solubility in other solvents | No data available | None known
Partition coefficient: n-octanol/water | No data available | None known
Autoignition Temperature | No data available | None known
Decomposition Temperature | No data available | None known
Viscosity | No data available | None known

Flammable Properties | Not flammable
Explosive Properties | No data available
Oxidizing Properties | No data available

Other information
VOC Content (%) | 73.99%

10. STABILITY AND REACTIVITY

Reactivity
No data available.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Conditions to avoid
Ignitions sources - heat, sparks and open flames. Incompatible products.

Incompatible materials

Hazardous decomposition products
Carbon monoxide (CO), Carbon dioxide (CO₂), Hydrogen sulfide. Sulfur dioxide. Smoke. Soot.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure
Product Information
  Inhalation May cause irritation of respiratory tract.
  Eye Contact Contact with eyes may cause irritation.
  Skin Contact No known hazard in contact with skin.
  Ingestion Not an expected route of exposure. May be harmful if swallowed.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral (Rat)</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation (Rat) 4 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>7060 mg/kg</td>
<td>-</td>
<td>124.7 mg/L</td>
</tr>
</tbody>
</table>
Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization
No information available.

Mutagenic Effects
No information available.

Carcinogenicity
The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>A3</td>
<td>Group 1</td>
<td>Known</td>
<td>X</td>
</tr>
</tbody>
</table>

ACGIH: (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans

NTP: (National Toxicity Program)
Known - Known Carcinogen

OSHA: (Occupational Safety & Health Administration)
X - Present

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
The following values are calculated based on chapter 3.1 of the GHS document:

| LD50 Oral | 7079 mg/kg; Acute toxicity estimate |
| Inhalation dust/mist | 124.7 mg/L; Acute toxicity estimate |

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>LC50 96 h: 12.0 - 16.0 mL/L static (Oncorhynchus mykiss) LC50 96 h: &gt; 100 mg/L static (Pimephales promelas) LC50 96 h: 13400 - 15100 mg/L flow-through (Pimephales promelas)</td>
<td>LC50 48 h: 9268 - 14221 mg/L (Daphnia magna) EC50 24 h: 10800 mg/L (Daphnia magna) EC50 48 h: 2 mg/L (Daphnia magna)</td>
<td>EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min</td>
<td>LC50 48 h: 34634 mg/L 30 min LC50 48 h: 34610 mg/L 30 min</td>
</tr>
</tbody>
</table>

| Persistence and Degradability | No information available. |
| Bioaccumulation | No information available. |

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>-0.32</td>
</tr>
</tbody>
</table>

Other Adverse Effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods
Dispose of in accordance with federal, state, and local regulations

Contaminated Packaging
Do not re-use empty containers.
14. TRANSPORT INFORMATION

**Note:** Although this product meets the definition of UN3175, it is exempt as a small sealed article or packet containing <10ml of fully absorbed liquid. USDOT SP 47, UN SP 216, IATA/ICAO SP A46, TDG SP 56.

**DOT**
Not regulated

**IATA**
Not regulated

**IMDG/IMO**
Not regulated

15. REGULATORY INFORMATION

**International Inventories**

**TSCA** Complies

**Legend**

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

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

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** Yes
- **Sudden Release of Pressure Hazard** No
- **Reactive Hazard** No

**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.

**U.S. State Regulations**

**California Proposition 65**
This product contains the following Proposition 65 chemicals: Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>Developmental</td>
</tr>
</tbody>
</table>
U.S. State Right-to-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Health Hazard</td>
<td>Flammability</td>
<td></td>
<td>Physical Hazard</td>
</tr>
<tr>
<td></td>
<td>X</td>
<td>3</td>
<td>0</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Prepared By

Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Issuing Date 23-Dec-2013
Revision Date 23-Dec-2013
Revision Note Initial Release.

General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet