

# SAFETY DATA SHEET

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: Micro-Scientific Stain-Away - IW20

Revision Date: 21-Dec-2015

## SECTION 1 – IDENTIFICATION

### Product Identifier

Product Name: Micro-Scientific Stain Away

Product Code: IW20

### Recommended Use of the Chemical and Restrictions for Use

Recommended Use: Cleaner

Restrictions for Use: Use only as directed.

### Details of the Supplier

Manufacturer: Micro-Scientific, LLC  
755 Tri-State Parkway  
Gurnee, IL 60031 USA  
888-253-2536

### Emergency Phone Number

24-Hour Number: 1-800-535-5053

International: 1-352-323-3500

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification

Hazard Class	Category
Serious eye damage	1

### Label Elements

Hazard Symbols(s):



Signal Word(s): Danger

Hazard Statement(s): Causes serious eye damage

Precautionary Statement(s): Wear eye protection/face protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

### Other Hazards

14% of the mixture consists of ingredient(s) of unknown acute toxicity.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Wt %
Alcohols, C12-14-secondary, ethoxylated	84133-50-6	3-7
Acetic acid, chloro-, reaction products with 2-heptadecyl-4,5-dihydro-1H-imidazole-1-ethanol and sodium hydroxide	68608-63-9	0.5-1.5

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

## SECTION 4 – FIRST AID MEASURES

### First Aid Measures

**Inhalation:** Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if condition worsens.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

# SAFETY DATA SHEET

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



**Product:** Micro-Scientific Stain-Away - IW20

**Revision Date:** 21-Dec-2015

**Ingestion:** May result in obstruction and irritation if ingested. If large amounts of liquid are swallowed see medical attention immediately.

**Skin:** If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

## **Most Important Symptoms and Effects (Acute and Delayed)**

**Inhalation:** May cause respiratory tract irritation.

**Eye Contact:** Causes serious eye damage. Symptoms may include discomfort of pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.

**Skin:** May cause skin irritation. Symptoms may include redness drying, defatting and cracking of the skin.

## **Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physician:** Treat symptomatically.

## **SECTION 5 – FIRE FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable:** Treat for surrounding material.

**Unsuitable:** None known.

### **Specific Hazards Arising from Chemical**

Products of combustion include but are not limited to: oxides of carbon.

### **Protective Equipment and Precautions for Firefighters**

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

**Personal Precautions:** Use personal protective equipment as recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental Precautions:** See Section 12 for ecological information.

### **Methods and Material for Containment and Cleaning Up**

Pick up large pieces, and then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposal container.

## **SECTION 7 – HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Handling:** Avoid contact with eyes. Avoid breathing vapor. Do not swallow. Handle and open container with care. When using do not eat, drink, or smoke.

**General Hygiene Advice:** Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

### **Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions:** Keep container closed when not in use. Keep out of reach of children. Keep from freezing.

**Incompatible Materials:** None known.

## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

# SAFETY DATA SHEET

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



**Product:** Micro-Scientific Stain-Away - IW20

**Revision Date:** 21-Dec-2015

## Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alcohols, C12-14-secondary, ethoxylated	Not available	Not available	Not available
Acetic acid, chloro-, reaction products with 2-heptadecyl-4,5-dihydro-1H-imidazole-1-ethanol and sodium hydroxide	Not available	Not available	Not available

## Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

## Individual Protection Measures

**Respiratory Protection:** None necessary under normal conditions of use.

**Skin and Body Protection:** None necessary under normal conditions of use.

**Eye/Face Protection:** Safety glasses or goggles are recommended when using product.

**General Work/Hygienic Practices:** Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Wipes saturated with liquid

**Odor:** Floral

**Odor threshold:** Not determined

**pH:** 6.2

**Melting point/freezing point:** Not determined

**Initial boiling point and boiling range:** Not determined

**Flash point:** Not determined

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Not flammable

**Upper/lower flammability or explosive limits:** Not determined

**Vapor pressure:** Not determined

**Vapor density:** Not determined

**Relative density:** 1.06

**Solubility(ies):** Not determined

**Partition coefficient (n-octanol/water):** Not determined

**Auto-ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

## SECTION 10 – STABILITY AND REACTIVITY

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** None under normal use.

**Conditions to avoid:** Heat. Incompatible materials.

**Incompatible materials:** None known.

**Hazardous decomposition products:** May include and are not limited to: oxides of carbon.

## SECTION 11 - TOXICOLOGICAL INFORMATION

# SAFETY DATA SHEET

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: Micro-Scientific Stain-Away - IW20

Revision Date: 21-Dec-2015

## Information on Toxicological Effects

**Likely Routes of Exposure:** Inhalation, skin contact, eye contact, ingestion

## Information Related to Physical, Chemical, and Toxicological Effects

See section 4 of this SDS.

## Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity:** NTP: No IARC: No OSHA: No

## Numerical Measures of Toxicity

Product	
ATE (oral)	>2000 mg/kg, rat
ATE (dermal)	>2000 mg/kg, rabbit
ATE (inhalation)	>20 mg/l/4h, rat

## **Component Information:**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alcohols, C12-14-secondary, ethoxylated	2100 mg/kg (rat)	Not available	Not available
Acetic acid, chloro-, reaction products with 2-heptadecyl-4,5-dihydro-1H-imidazole-1-ethanol and sodium hydroxide	Not available	Not available	Not available

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Not established

**Persistence and degradability:** Not established

**Bioaccumulative potential:** Not established

**Mobility in soil:** No additional information available

**Other adverse effects:** No additional information available.

## SECTION 13 – DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection.

Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

## SECTION 14 – TRANSPORT INFORMATION

**Note:** Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information. Classification per 49 CFR 171.8

**DOT (Ground):** Not Regulated

**IATA (Air):** Not Regulated

**IMDG (Vessel):** Not Regulated

## SECTION 15 – REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

## SECTION 16 – OTHER INFORMATION

**Issue Date:** 21-Dec-2015

**Revision Date:** 21-Dec-2015

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 guidance for safe handling, use, processing, storage,

# SAFETY DATA SHEET

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



**Product:** Micro-Scientific Stain-Away - IW20

**Revision Date:** 21-Dec-2015

transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed 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**