



# SAFETY DATA SHEET

S.I.H. Y10LOM

## Section 1. Identification

GHS product identifier : S.I.H. Y10LOM

Use of the substance/  
mixture : Colorants (pigments and dyestuffs), inorganic

Supplier/Manufacturer : Revelli Chemicals  
35 Mason St. Greenwich, CT 06880  
203-661-4040

Emergency telephone  
number : Chemtrec 800-424-9300

Iron Oxide Yellow  
720087

## Section 2. Hazards identification

Classification of the  
substance or mixture : Not classified.

### GHS label elements

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements

Prevention : Not applicable.

Response : Not applicable.

Storage : Not applicable.

Disposal : Not applicable.

Other hazards which do not  
result in classification : Handling and/or processing of this material may generate a dust  
which can cause mechanical irritation of the eyes, skin, nose and  
throat.

## Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Chemical name : iron oxide pigment

Other means of  
identification : Not available.

### CAS number/other identifiers

Ingredient name	%	CAS number	Classification	
Iron hydroxide oxide yellow	-	51274-00-1	Not classified.	Not classified.

There are no additional 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

### Description of necessary first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: No special measures required.
Ingestion	: No special measures required.

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

#### Potential acute health effects

Eye contact	: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
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	: Adverse symptoms may include the following: irritation redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: No specific data.
Ingestion	: No specific data.

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

Notes to physician	: No specific treatment.
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	: In case of fire, use water spray (fog), foam, dry chemical or CO <sub>2</sub> .
Unsuitable extinguishing media	: None known.

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

Hazardous thermal decomposition products : No specific data.

Special protective actions for fire-fighters : Not applicable.

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 personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. 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. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

- Precautions for safe handling** : No special measures required.

- Conditions for safe storage, including any incompatibilities** : No special measures required.

## Section 8. Exposure controls/personal protection

### Control parameters

- Exposure limit values** : Not available.
- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
- Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

## Section 8. Exposure controls/personal protection

**Environmental exposure 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 operating conditions cause high dust concentrations to be produced, use dust goggles.

### Skin protection

**Hand protection** : Recommended: Gloves

**Other skin 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.

**Respiratory protection** : Recommended: Dust-protection mask

## Section 9. Physical and chemical properties

### Appearance

**Physical state** : Solid.

**Color** : Yellow.

**Odor** : Odorless.

**Odor threshold** : Not available.

**pH** : 4 to 8 [Conc. (% w/w): 50%]

**Melting point** : >1000°C (>1832°F)

**Boiling point** : Not available.

**Flash point** : Not available.

**Burning time** : Not available.

**Burning rate** : Not available.

**Evaporation rate** : Not available.

**Flammability (solid, gas)** : Not available.

**Lower and upper explosive (flammable) limits** : Not available.

**Vapor pressure** : Not available

**Vapor density** : Not available.

**Density** : 4 kg/L (20°C)

**Relative density** : Not available.

**Solubility** : Insoluble in the following materials: cold water

**Partition coefficient: n-octanol/water** : Not available

**Auto-ignition temperature** : Not available.

**Decomposition temperature** : Not available.

**SADT** : Not available.

**Section 9. Physical and chemical properties**

Viscosity : Not available.

**Section 10. Stability and reactivity**

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

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 : No specific data.

Incompatible materials : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11. Toxicological information****Information on toxicological effects****Potential acute health effects**

Eye contact : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

Skin contact : No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

Eye contact : Adverse symptoms may include the following:  
irritation  
redness

Inhalation : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing

Skin contact : No specific data.

Ingestion : No specific data.

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

Potential immediate effects : Not available.

Potential delayed effects : Not available.

**Long term exposure**

Potential immediate effects : Not available.

Potential delayed effects : Not available.

General : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence/degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	RTPP	IMDG	IATA
UN number	-	-	-
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	No	No.	No.
Special precautions for user/ Additional information	Not regulated.	Not regulated.	Not regulated.

**Section 14. Transport information****Hazard notes:**

Not dangerous cargo.

Keep separated from foodstuffs.

Transport in bulk according to Annex II of : Not available.  
MARPOL 73/78 and the IBC Code**Section 15. Regulatory information**

**Safety, health and environmental regulations specific for the product** : No known specific national and/or regional regulations applicable to this product (including its ingredients).

**Section 16. Other information****History**

Date of issue/Date of revision : 15.05.2015.

Date of previous issue : 19.02.2015.

Version : 2

 Indicates information that has changed from previously issued version.**Notice to reader**

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.