SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation of the mixture
Royston Handy Cap IP and XLIP

Registration number
- None.

Synonyms
None.

Issue date
07-02-2015

Version number
01

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses
None known.

Uses advised against
None known.

1.3. Details of the supplier of the safety data sheet

Supplier
CHASE CORPORATION Blawnox Plant

Address
128 1st Street
Blawnox, PA 15238-3223
US

Division

Telephone
866-932-0800

e-mail
Not available.

Contact person
Not available.

1.4. Emergency telephone number
703-527-3887 Chemtrec

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended
This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

Classification according to Regulation (EC) No 1272/2008 as amended
This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary

Physical hazards
Not classified for physical hazards.

Health hazards
Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects.

Environmental hazards
Not classified for hazards to the environment.

Specific hazards
None known.

Main symptoms
Not available.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms
None.

Signal word
None.

Hazard statements
The mixture does not meet the criteria for classification.
Precautionary statements

Prevention
Observe good industrial hygiene practices.

Response
Wash hands after handling.

Storage
Store away from incompatible materials.

Disposal
Dispose of waste and residues in accordance with local authority requirements.

Supplemental label information
None.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
The components are not hazardous or are below required disclosure limits.

List of abbreviations and symbols that may be used above
DSD: Directive 67/548/EEC.
M: M-factor
vPvB: very persistent and very bioaccumulative substance.
PBT: persistent, bioaccumulative and toxic substance.
#: This substance has been assigned Community workplace exposure limit(s).

Composition comments
The full text for all R- and H-phrases is displayed in section 16.

SECTION 4: First aid measures

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures

Inhalation
Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact
Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact
Rinse with water. Get medical attention if irritation develops and persists.

Ingestion
Direct contact with eyes may cause temporary irritation.

4.2. Most important symptoms and effects, both acute and delayed
Treat symptomatically.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

General fire hazards
No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture
During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures
Use water spray to cool unopened containers.

Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

For emergency responders
Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions
Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up
Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.
6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid prolonged exposure. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

<table>
<thead>
<tr>
<th>Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc (powder) (CAS 14807-96-6) MAK 2 mg/m3 Respirable fraction.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Belgium. Exposure Limit Values.</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4) TWA 3,5 mg/m3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6) TWA 2 mg/m3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc (powder) (CAS 14807-96-6) TWA 1 fibers/cm³ Respirable fraction.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4) MAC 3,5 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6) MAC 7 mg/m³ Respirable dust.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4) TWA 3,5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6) TWA 706 part/cm³</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Czech Republic. OELs. Government Decree 361</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4) TWA 2 mg/m³ Dust.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLYPROPYLENE (CAS 9003-07-0) TWA 5 mg/m³ Dust.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6) TWA 10 mg/m³ Total dust.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6) TWA 10 mg/m³ Respirable dust.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Denmark. Exposure Limit Values</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, (1-methylethenyl)-, Polymer With 2-methyl-2-butene And 1,3-pentadiene (CAS 62258-49-5) TLV 25 ppm</td>
<td></td>
</tr>
<tr>
<td>CARBON BLACK (CAS 1333-86-4) TLV 3,5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Material name: Royston Handy Cap IP and XLIP

SDS EU

1214 Version #: 01 Issue date: 07-02-2015

3 / 10
### Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, (1-methylethenyl)-, Polymer With 2-methyl-2-butene And 1,3-pentadiene (CAS 62258-49-5)</td>
<td>STEL</td>
<td>300 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>50 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

### Finland. Workplace Exposure Limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>STEL</td>
<td>7 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>STEL</td>
<td>3.5 mg/m³</td>
<td>Inhalable dust.</td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 ppm</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>1 ppm</td>
<td></td>
</tr>
</tbody>
</table>

### France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>VME</td>
<td>3.5 mg/m³</td>
</tr>
</tbody>
</table>

### Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>AGW</td>
<td>10 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>1.25 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

### Greece. OELs (Decree No. 90/1999, as amended)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>STEL</td>
<td>7 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>3.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable.</td>
</tr>
</tbody>
</table>

### Iceland. OELs. Regulation 154/1999 on occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3.5 mg/m³</td>
</tr>
</tbody>
</table>

### Ireland. Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>STEL</td>
<td>7 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>3.5 mg/m³</td>
<td>Total inhalable dust.</td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>0.8 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### Italy. Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Country</td>
<td>Regulation/Standard</td>
<td>Components</td>
<td>Value</td>
</tr>
<tr>
<td>---------</td>
<td>---------------------</td>
<td>------------</td>
<td>-------</td>
</tr>
<tr>
<td>Latvia. OELs.</td>
<td>Occupational exposure limit values of chemical substances in work environment</td>
<td>POLYPROPYLENE (CAS 9003-07-0)</td>
<td>TWA</td>
</tr>
<tr>
<td>Lithuania. OELs. Limit Values for Chemical Substances, General Requirements</td>
<td>Benzene, (1-methylethenyl)-, Polymer With 2-methyl-2-butene And 1,3-pentadiene (CAS 62258-49-5)</td>
<td>STEL</td>
<td>300 mg/m³</td>
</tr>
<tr>
<td>Lithuania. OELs. Limit Values for Chemical Substances</td>
<td>POLYPROPYLENE (CAS 9003-07-0)</td>
<td>TWA</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 mg/m³</td>
</tr>
<tr>
<td>Netherlands. OELs (binding)</td>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>0,25 mg/m³</td>
</tr>
<tr>
<td>Norway. Administrative Norms for Contaminants in the Workplace</td>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>TLV</td>
<td>3,5 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TLV</td>
<td>6 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>1 mg/m³</td>
</tr>
<tr>
<td>Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)</td>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>TWA</td>
<td>4 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>4 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>1 mg/m³</td>
</tr>
<tr>
<td>Romania. OELs. Protection of workers from exposure to chemical agents at the workplace</td>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td>Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents</td>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>TWA</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)</td>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
</tr>
</tbody>
</table>
Spain. Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

Sweden. Occupational Exposure Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, (1-methylethenyl)-, Polymer With 2-methyl-2-butene And 1,3-pentadiene (CAS 62258-49-5)</td>
<td>STEL</td>
<td>300 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>50 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>150 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>25 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 mg/m³</td>
<td>Respirable dust.</td>
</tr>
</tbody>
</table>

Switzerland. SUVA Grenzwerte am Arbeitsplatz

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable dust.</td>
</tr>
</tbody>
</table>

UK. EH40 Workplace Exposure Limits (WELs)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK (CAS 1333-86-4)</td>
<td>STEL</td>
<td>7 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>3.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Talc (powder) (CAS 14807-96-6)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable dust.</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures

Follow standard monitoring procedures.

Derived no-effect level (DNEL)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

8.2. Exposure controls

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

General information

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection

- Hand protection
  Wear appropriate chemical resistant gloves.

- Other
  Wear suitable protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental exposure controls

Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state

Solid.
Form: Solid. Adhesive
Color: Gray and White.
Odor: Characteristic.
Odor threshold: Not available.
PH: Not available.
Melting point/freezing point: Not available.
Initial boiling point and boiling range: Not available.
Flash point: 428.0 °F (220.0 °C) estimated
Evaporation rate: Not available.
Flammability (solid, gas): Not available.
Upper/lower flammability or explosive limits
  Flammability limit - lower (%): Not available.
  Flammability limit - upper (%): Not available.
Vapor pressure: Not available.
Vapor density: Not available.
Relative density: Not available.
Solubility(ies)
  Solubility (water): Not available.
  Solubility (other): Not available.
Partition coefficient (n-octanol/water): Not available.
Auto-ignition temperature: 842 °F (450 °C) estimated
 Decomposition temperature: Not available.
Viscosity: Not available.
Explosive properties: Not available.
Oxidizing properties: Not available.
9.2. Other information
  Density: 1,00 g/cm³ estimated
  Specific gravity: 1 estimated

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability
Material is stable under normal conditions.
10.3. Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid
Avoid temperatures exceeding the flash point. Contact with incompatible materials.
10.5. Incompatible materials
Strong oxidizing agents.
10.6. Hazardous decomposition products
No hazardous decomposition products are known.

SECTION 11: Toxicological information
General information
Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure
  Inhalation: Prolonged inhalation may be harmful.
  Skin contact: No adverse effects due to skin contact are expected.
  Eye contact: Direct contact with eyes may cause temporary irritation.
  Ingestion: May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms
Exposure may cause temporary irritation, redness, or discomfort.

11.1. Information on toxicological effects
Acute toxicity
No data available.
Skin corrosion/irritation
Due to partial or complete lack of data the classification is not possible.
<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Due to partial or complete lack of data the classification is not possible.</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Due to partial or complete lack of data the classification is not possible.</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Due to partial or complete lack of data the classification is not possible.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Due to partial or complete lack of data the classification is not possible.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Due to partial or complete lack of data the classification is not possible.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Due to partial or complete lack of data the classification is not possible.</td>
</tr>
<tr>
<td>Specific target organ toxicity - single exposure</td>
<td>Due to partial or complete lack of data the classification is not possible.</td>
</tr>
<tr>
<td>Specific target organ toxicity - repeated exposure</td>
<td>Due to partial or complete lack of data the classification is not possible.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Due to partial or complete lack of data the classification is not possible.</td>
</tr>
<tr>
<td>Mixture versus substance information</td>
<td>No information available.</td>
</tr>
<tr>
<td>Other information</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

**SECTION 12: Ecological information**

12.1. Toxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence and degradability

No data is available on the degradability of this product.

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**SECTION 13: Disposal considerations**

13.1. Waste treatment methods

Residual waste

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

EU waste code

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Special precautions

Dispose in accordance with all applicable regulations.

**SECTION 14: Transport information**

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.
SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

- Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I, as amended
  Not listed.
- Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II, as amended
  Not listed.
  Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended
  Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended
  Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended
  Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended
  Not listed.
  Not listed.
- Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA
  Not listed.

Authorizations

- Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended
  Not listed.
- Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
  Not listed.

Restrictions on use

- Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
  Not listed.
- Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended
  Not listed.
- Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding, as amended
  Not listed.

Other EU regulations

- Directive 2012/18/EU on major accident hazards involving dangerous substances
  Not listed.
- Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended
  Not listed.
- Directive 94/33/EC on the protection of young people at work, as amended
  Not listed.

Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws.

National regulations

Follow national regulation for work with chemical agents.

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

Not available.

References

Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements or R-phrases and H-statements under Sections 2 to 15

None.

Revision information

Composition / Information on Ingredients: Ingredients
Regulatory Information: United States
Follow training instructions when handling this material.

Dan Libby

The information offered in this data sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy. This 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 other process. This material is intended for industrial use only. No warranty, expressed or implied is made.