



THE INTERNATIONAL GROUP, INC.

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name or designation of the mixture** 6000 Series Products

**Registration number** -

**Synonyms** See page 14

**SDS number** 6000 Series (929124)\_Europe\_English

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

**Identified uses** Further processing, misc. multiple uses.

**Uses advised against** None known.

### 1.3. Details of the supplier of the safety data sheet

**Manufacturer** The International Group Inc.

**Address** 50 Salome Dr  
Toronto, Ontario, M1S 2A8  
Canada

**Telephone** +1-(416)-293-4151

**Only Representative** INTERTEK FRANCE

**Address** Allée de la Fosse Moret  
Eco parc 2  
27400 Heudebouville  
France

**Telephone** +33 2 79 23 03 49

**E-mail** if.reach@intertek.com

**1.4. Emergency telephone number** +1-(416)-293-4151

+1-(800)-561-3509

## 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 Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

### 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 information on the label** None.

### 2.3. Other hazards

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

The mixture does not contain any substances having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1% by weight.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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

## SECTION 4: First aid measures

### General information

If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance.

### 4.1. Description of first aid measures

#### Inhalation

Solid: No specific first aid measures noted. If fumes from heated product are inhaled: Move to fresh air. Call a POISON CENTRE or doctor/physician if you feel unwell.

#### Skin contact

Solid: No specific first aid measures noted. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn.

#### Eye contact

Solid: No specific first aid measures noted. Exposure to fumes, vapors or smoke of over heated product can result in irritation of eyes. Direct contact of molten material will cause injury and burns. When handling of molten product eye shield must be worn at all times. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Should an accident occur, flush eyes with generous amounts of water for at least 15 minutes. Administer prompt first aid measures. Get medical attention if irritation develops and persists.

#### Ingestion

Solid: No specific first aid measures noted. Not acutely toxic by ingestion. If material is ingested, do not induce vomiting. Contact with hot product may cause severe burns. Get medical attention immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

Eye and skin contact: When heated, contact with molten product can cause injury and burns.

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

Provide general supportive measures and treat symptomatically.

## SECTION 5: Firefighting measures

### General fire hazards

No unusual fire or explosion hazards noted. Will burn if involved in a fire.

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

#### 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

By heating and fire, irritating vapours/gases may be formed. During fire, hazardous combustion products are released that may include: Carbon oxides. Aldehydes. Ketones.

### 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

In case of fire and/or explosion do not breathe fumes. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Use water spray to cool unopened containers. Withdraw immediately in case of rising sound from venting safety device or any discolouration of tanks due to fire. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Cool containers exposed to flames with water until well after the fire is out.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Keep unnecessary personnel away. Wear appropriate personal protective equipment.

#### For emergency responders

Keep unnecessary personnel away. Do not breathe mist or vapour. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up.

- 6.2. Environmental precautions** Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water.
- 6.3. Methods and material for containment and cleaning up** Handle as a thermoplastic. With molten spills, allow the material to solidify and cool. Keep material out of sewers and watercourses by diking or impounding. Recover and place into appropriate containers for recycling or disposal, according to prevailing local, regional and national laws.
- Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Allow material to solidify, and scrape up. Following product recovery, flush area with water.
- Small Spills: Where possible allow molten material to solidify naturally.
- Never return spills to original containers for re-use.
- 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** When kept in molten state, inert gas blanketing may be used to avoid material degradation. As a solid, avoid contamination by keeping in closed containers. Do not handle until all safety precautions have been read and understood. Heat only in areas with appropriate exhaust ventilation. Do not breathe fume/mist/vapors. Avoid contact with molten material. When using, do not eat, drink or smoke. Observe good industrial hygiene practices. Do not empty into drains. Avoid release to the environment. Wash contaminated clothing before reuse. The material is a solid at room temperature exhibiting elevated temperature softening characteristics. Above its softening point, the material liquefies and flows more readily as the temperature increases. The material may be used as a hot liquid for application purposes and requires caution in handling.
- 7.2. Conditions for safe storage, including any incompatibilities** Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS). When kept in molten state, inert gas blanketing may be used to avoid material degradation. As a solid, avoid contamination by keeping in closed containers.
- 7.3. Specific end use(s)** Further processing, misc. multiple uses. Observe industrial sector guidance on best practices.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Austria. MAK List Components

Components	Type	Value	Form
Organic oil	MAK	5 mg/m <sup>3</sup>	Respirable fraction.
		10 mg/m <sup>3</sup>	Inhalable fraction.
	STEL	20 mg/m <sup>3</sup>	Inhalable fraction.
		10 mg/m <sup>3</sup>	Respirable fraction.

##### Belgium. Exposure Limit Values Components

Components	Type	Value	Form
Fatty acid	TWA	10 mg/m <sup>3</sup>	
Hydrocarbons	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.
Organic oil	TWA	10 mg/m <sup>3</sup>	Mist.
Paraffinic hydrocarbons	TWA	2 mg/m <sup>3</sup>	Fume.

##### Components

Components	Type	Value	Form
Mineral oil	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

##### Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work Material

Material	Type	Value	Form
Oil mist, mineral	TWA	10 mg/m <sup>3</sup>	Dust.
Components	Type	Value	
Hydrocarbons	TWA	5 mg/m <sup>3</sup>	
Components	Type	Value	
Mineral oil	TWA	5 mg/m <sup>3</sup>	

**Croatia. OELs (GVI). Regulation on Protection of Workers against Exposure to Dangerous Chemicals at Work, OELs and Biological Limit Values, Annex I (NN 91/2018), as amended**

Components	Type	Value	Form
Paraffinic hydrocarbons	MAC	2 mg/m <sup>3</sup>	Fume.
	STEL	6 mg/m <sup>3</sup>	Fume.

**Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.**

Components	Type	Value	Form
Organic oil	TWA	2 mg/m <sup>3</sup>	Dust.

**Czech Republic. OELs. Government Decree 361 Material**

Components	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m <sup>3</sup>	Dust.

Components	Type	Value	Form
Hydrocarbons	Ceiling	10 mg/m <sup>3</sup>	Aerosol
	TWA	5 mg/m <sup>3</sup>	Aerosol
Organic oil	TWA	2 mg/m <sup>3</sup>	Dust.
Mineral oil	Ceiling	10 mg/m <sup>3</sup>	Aerosol
	TWA	5 mg/m <sup>3</sup>	Aerosol

**Denmark. Exposure Limit Values**

Components	Type	Value	Form
Hydrocarbons	TLV	1 mg/m <sup>3</sup>	Mist.
Organic oil	TLV	1 mg/m <sup>3</sup>	Mist.
Paraffinic hydrocarbons	TLV	2 mg/m <sup>3</sup>	Fume.
Mineral oil	TLV	1 mg/m <sup>3</sup>	Mist.

**Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended**

Components	Type	Value	Form
Paraffinic hydrocarbons	TWA	2 mg/m <sup>3</sup>	Vapour.

**Finland. Workplace Exposure Limits**

Components	Type	Value	Form
Hydrocarbons	TWA	5 mg/m <sup>3</sup>	Mist.
Organic oil	TWA	5 mg/m <sup>3</sup>	Mist.
Paraffinic hydrocarbons	TWA	1 mg/m <sup>3</sup>	Fume.
Mineral oil	TWA	5 mg/m <sup>3</sup>	Mist.

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

Components	Type	Value	Form
Organic oil	VME	5 mg/m <sup>3</sup>	Respirable fraction.
		10 mg/m <sup>3</sup>	Inhalable fraction.
Paraffinic hydrocarbons	VME	2 mg/m <sup>3</sup>	Fume.

**Regulatory status:** Regulatory binding (VRC)

**Regulatory status:** Regulatory binding (VRC)

**Regulatory status:** Indicative limit (VL)

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value	Form
Hydrocarbons	TWA	5 mg/m <sup>3</sup>	Respirable fraction.
Organic oil	TWA	5 mg/m <sup>3</sup>	Respirable fraction.
Mineral oil	TWA	5 mg/m <sup>3</sup>	Respirable fraction.

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

Components	Type	Value	Form
Organic oil	AGW	5 mg/m3	Respirable fraction.

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

Components	Type	Value	Form
Hydrocarbons	TWA	5 mg/m3	Mist.
Paraffinic hydrocarbons	STEL	6 mg/m3	Fume.
	TWA	2 mg/m3	Fume.

Components	Type	Value	Form
Mineral oil	TWA	5 mg/m3	Mist.

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

Components	Type	Value	Form
Hydrocarbons	TWA	5 mg/m3	
Mineral oil	TWA	5 mg/m3	

**Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended**

Components	Type	Value	Form
Hydrocarbons	TWA	1 mg/m3	Mist.
Organic oil	TWA	1 mg/m3	Mist.
Paraffinic hydrocarbons	TWA	2 mg/m3	Fume.
Mineral oil	TWA	1 mg/m3	Mist.

**Ireland. Occupational Exposure Limits**

Components	Type	Value	Form
Fatty acid	TWA	10 mg/m3	
Paraffinic hydrocarbons	STEL	6 mg/m3	Fume.
	TWA	2 mg/m3	Fume.
Mineral oil	TWA	5 mg/m3	Inhalable fraction.

**Italy. OELs**

Components	Type	Value	Form
Fatty acid	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.
Hydrocarbons	TWA	5 mg/m3	Inhalable fraction.
Paraffinic hydrocarbons	TWA	2 mg/m3	Fume.
Mineral oil	TWA	5 mg/m3	Inhalable fraction.

**Latvia. OELs. Occupational exposure limit values of chemical substances in work environment**

Material	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Dust.
Hydrocarbons	TWA	5 mg/m3	
Mineral oil	TWA	5 mg/m3	

**Lithuania. OELs. Limit Values for Chemical Substances, General Requirements (Hygiene Norm HN 23:2007)**

Material	Type	Value	Form
Oil mist, mineral	TWA	10 mg/m3	
Fatty acid	TWA	5 mg/m3	

**Lithuania. OELs. Limit Values for Chemical Substances, General Requirements (Hygiene Norm HN 23:2007)**

Components	Type	Value	Form
Hydrocarbons	STEL	3 mg/m <sup>3</sup>	Fume and mist.
	TWA	1 mg/m <sup>3</sup>	Fume and mist.
Organic oil	STEL	3 mg/m <sup>3</sup>	Fume and mist.
	TWA	1 mg/m <sup>3</sup>	Fume and mist.
Components	Type	Value	Form
Mineral oil	STEL	3 mg/m <sup>3</sup>	Fume and mist.
	TWA	1 mg/m <sup>3</sup>	Fume and mist.

**Netherlands. OELs (binding)**

Components	Type	Value	Form
Hydrocarbons	TWA	5 mg/m <sup>3</sup>	Mist.
Organic oil	TWA	5 mg/m <sup>3</sup>	Mist.
Components	Type	Value	Form
Mineral oil	TWA	5 mg/m <sup>3</sup>	Mist.

**Norway. Administrative Norms for Contaminants in the Workplace**

Components	Type	Value	Form
Hydrocarbons	TLV	1 mg/m <sup>3</sup>	Mist.
Organic oil	TLV	1 mg/m <sup>3</sup>	Mist.
Paraffinic hydrocarbons	TLV	2 mg/m <sup>3</sup>	Fume.
Components	Type	Value	Form
Mineral oil	TLV	1 mg/m <sup>3</sup>	Mist.

**Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)**

Components	Type	Value	Form
Organic oil	TWA	4 mg/m <sup>3</sup>	Inhalable dust.
		2 mg/m <sup>3</sup>	Respirable fraction.
Paraffinic hydrocarbons	TWA	2 mg/m <sup>3</sup>	Inhalable fraction.
Components	Type	Value	Form
Mineral oil	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

Components	Type	Value	Form
Fatty acid	TWA	10 mg/m <sup>3</sup>	
Hydrocarbons	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Organic oil	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Paraffinic hydrocarbons	TWA	2 mg/m <sup>3</sup>	Fume.
Components	Type	Value	Form
Mineral oil	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

Components	Type	Value	Form
Hydrocarbons	STEL	10 mg/m <sup>3</sup>	
	TWA	5 mg/m <sup>3</sup>	
Paraffinic hydrocarbons	STEL	6 mg/m <sup>3</sup>	Fume.
	TWA	2 mg/m <sup>3</sup>	Fume.
Components	Type	Value	Form
Mineral oil	STEL	10 mg/m <sup>3</sup>	
	TWA	5 mg/m <sup>3</sup>	

**Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents**

Components	Type	Value	Form
Hydrocarbons	TWA	1 mg/m <sup>3</sup>	Fume and mist.
		5 ppm	Fume and mist.
Organic oil	TWA	10 mg/m <sup>3</sup>	Dust.
Paraffinic hydrocarbons	TWA	2 mg/m <sup>3</sup>	Fume.
Components	Type	Value	Form
Mineral oil	TWA	1 mg/m <sup>3</sup>	Fume and mist.
		5 ppm	Fume and mist.

**Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents**

Components	Type	Value	Form
Hydrocarbons	STEL	3 mg/m <sup>3</sup>	Fume and mist.
		15 ppm	Fume and mist.
Paraffinic hydrocarbons	STEL	6 mg/m <sup>3</sup>	Fume.
Components	Type	Value	Form
Mineral oil	STEL	3 mg/m <sup>3</sup>	Fume and mist.
		15 ppm	Fume and mist.

**Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)**

Components	Type	Value	Form
Organic oil	TWA	10 mg/m <sup>3</sup>	Inhalable fraction.
		1,25 mg/m <sup>3</sup>	Respirable fraction.

**Spain. Occupational Exposure Limits**

Components	Type	Value	Form
Fatty acid	TWA	10 mg/m <sup>3</sup>	
Hydrocarbons	STEL	10 mg/m <sup>3</sup>	Mist.
		5 mg/m <sup>3</sup>	Mist.
Organic oil	STEL	10 mg/m <sup>3</sup>	Mist.
		5 mg/m <sup>3</sup>	Mist.
Paraffinic hydrocarbons	TWA	2 mg/m <sup>3</sup>	Fume.
Components	Type	Value	Form
Mineral oil	STEL	10 mg/m <sup>3</sup>	Mist.
		5 mg/m <sup>3</sup>	Mist.

**Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended**

Components	Type	Value	Form
Fatty acid	TWA	5 mg/m <sup>3</sup>	Total dust.
Hydrocarbons	STEL	3 mg/m <sup>3</sup>	Mist.
		1 mg/m <sup>3</sup>	Mist.
Organic oil	STEL	3 mg/m <sup>3</sup>	Mist.
		1 mg/m <sup>3</sup>	Mist.
Components	Type	Value	Form
Mineral oil	STEL	3 mg/m <sup>3</sup>	Mist.
		1 mg/m <sup>3</sup>	Mist.

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

Components	Type	Value	Form
Hydrocarbons	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Organic oil	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Paraffinic hydrocarbons	TWA	2 mg/m <sup>3</sup>	Respirable fume.

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

Components	Type	Value	Form
Mineral oil	TWA	5 mg/m3	Inhalable fraction.

**UK. EH40 Workplace Exposure Limits (WELs)**

Components	Type	Value	Form
Organic oil	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Inhalable dust.
Paraffinic hydrocarbons	STEL	6 mg/m3	Fume.
	TWA	2 mg/m3	Fume.

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no effect levels (DNELs)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

**Exposure guidelines****Austria. MAK List**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Belgium OELs: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Croatia ELVs: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Czech Republic PELs: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Denmark GV: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Estonia OELs: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**EU. OELs from Annex III, Part A to Directive 2004/37/EC: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**France INRS: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**France Mandatory OELs (VLEP): Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Iceland OELs: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Ireland Exposure Limit Values: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Lithuania OELs: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Netherlands OELs (binding): Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Romania OELs: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Slovakia OELs for Carcinogens and Mutagens: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Slovenia. CMR. Protection of workers from exposure to carcinogen and mutagen agents (ULRS 101/2005, as amended)**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**Sweden Threshold Limit Values: Skin designation**

Mineral oil (CAS Proprietary) Can be absorbed through the skin.

**8.2. Exposure controls**

**Appropriate engineering controls** Ensure adequate ventilation, especially in confined areas. Provide easy access to water supply and eye wash facilities.

**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 approved safety goggles. Wear a face shield when working with molten material. Eye protection should meet standard EN 166.



<b>Skin protection</b>	
- <b>Hand protection</b>	Wear suitable gloves tested to EN374. Suitable gloves can be recommended by the glove supplier.
- <b>Other</b>	The material may be utilized in molten form. Proper protective splash resistant clothing, thermal gloves, splash resistant shoes, and eye shields must be worn to prevent injury. Use molten material in well ventilated areas. When working in confined areas, use of appropriate respiratory gear is recommended.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection. Respiratory protection should meet standard EN 14387.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Hygiene measures</b>	When using, do not eat, drink or smoke. 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.
<b>Environmental exposure controls</b>	Contain spills and prevent releases and observe national regulations on emissions.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Solid.
<b>Form</b>	Slabs, prills, pastilles or granules.
<b>Colour</b>	White to light gray or tan.
<b>Odour</b>	None.
<b>Odour threshold</b>	Not applicable, as no perceptible odor.
<b>Melting point/freezing point</b>	>= 30 - <= 70 °C (>= 86 - <= 158 °F)
<b>Boiling point or initial boiling point and boiling range</b>	> 300 °C (> 572 °F)
<b>Flammability</b>	Will support a flame above flash point.
<b>Upper/lower flammability or explosive limits</b>	
<b>Explosive limit - lower ( %)</b>	Property has not been measured.
<b>Explosive limit – upper (%)</b>	Property has not been measured.
<b>Flash point</b>	> 150 °C (> 302 °F) ASTM D-93
<b>Auto-ignition temperature</b>	Property has not been measured.
<b>Decomposition temperature</b>	Property has not been measured.
<b>pH</b>	Not applicable (material is insoluble in water).
<b>Kinematic viscosity</b>	Not applicable (the material is a solid).
<b>Solubility</b>	
<b>Solubility (water)</b>	< 0,1 % (20 °C (68 °F))
<b>Partition coefficient (n-octanol/water) (log value)</b>	Not applicable for mixtures.
<b>Vapour pressure</b>	< 0,01 mm Hg (25 °C (77 °F))
<b>Density and/or relative density</b>	
<b>Relative density</b>	>= 0,8 - <= 1 (Water = 1) (25 °C (77 °F))
<b>Vapour density</b>	> 5 (Air = 1)
<b>Particle characteristics</b>	
<b>Particle size</b>	0,8 mm (granular form) median
<b>9.2. Other information</b>	
<b>9.2.1. Information with regard to physical hazard classes</b>	No relevant additional information available.
<b>9.2.2. Other safety characteristics</b>	
<b>Evaporation rate</b>	< 0,01 (Butyl acetate = 1)
<b>Partition coefficient (oil/water)</b>	< 0,01
<b>Percent volatile</b>	Negligible

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>10.5. Incompatible materials</b>	Strong oxidising agents.
<b>10.6. Hazardous decomposition products</b>	Decomposition of this product can generate carbon dioxide, carbon monoxide and other products such as aldehydes and ketones depending on conditions of oxidation.

## SECTION 11: Toxicological information

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

### Information on likely routes of exposure

<b>Inhalation</b>	Not relevant at normal room temperatures. When heated, irritating vapours may be formed. Wax fumes have been reported to be irritating to the respiratory tract, especially to sensitized persons.
<b>Skin contact</b>	Health injuries are not known or expected under normal use. Molten material will produce thermal burns.
<b>Eye contact</b>	Health injuries are not known or expected under normal use. Molten material will produce thermal burns.
<b>Ingestion</b>	Health injuries are not known or expected under normal use. Contact with hot material can cause thermal burns which may result in permanent damage.

**Symptoms** Eye and skin contact: Contact with molten material may cause thermal burns.

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Acute toxicity** Not expected to be acutely toxic.

Components	Species	Test Results
Mineral oil (CAS Proprietary)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Inhalation</b>		
<i>Aerosol</i>		
LC50	Rat	> 5 mg/l
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.  
Thermal burn hazard - contact with hot material may cause thermal burns.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.  
Direct contact of molten product to the eyes will cause thermal burns and eye injury.

**Respiratory sensitisation** Based on available data, the classification criteria are not met.

**Skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - single exposure** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Not likely, due to the form of the product.

**Mixture versus substance information** No information available.

### 11.2. Information on other hazards

<b>Endocrine disrupting properties</b>	This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.
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**Other information** Exposure to vapors, fumes, or smoke from molten material handled in confined areas can produce irritation of the respiratory tract, and possible physical discomfort to sensitive individuals.

## SECTION 12: Ecological information

**12.1. Toxicity** Based on available data, the classification criteria are not met for hazardous to the aquatic environment.

Components	Species	Test Results
Mineral oil (CAS Proprietary)		
<b>Aquatic</b>		
<i>Acute</i>		
Crustacea	LL50 Invertebrates (Invertebrates)	100 mg/l
Fish	LL50 Fish	10 mg/l

**12.2. Persistence and degradability** No data is available on the degradability of this product.

**12.3. Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient n-octanol/water (log Kow)** Not applicable for mixtures.

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** The product is insoluble in water. Expected to have low mobility in soil.

**12.5. Results of PBT and vPvB assessment** This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

**12.6. Endocrine disrupting properties** This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.

**12.7. Other adverse effects** No data available for this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Residual waste** Dispose 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.

**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. 16 03 06

**Disposal methods/information** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Special precautions** Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

### ADR

**14.1. UN number** Not regulated as dangerous goods.

**14.2. UN proper shipping name** Not regulated as dangerous goods.

### 14.3. Transport hazard class(es)

**Class** Not assigned.

**Subsidiary risk** -

**Hazard No. (ADR)** Not assigned.

**Tunnel restriction code** Not assigned.

**14.4. Packing group** Not assigned.

**14.5. Environmental hazards** No.

**14.6. Special precautions for user** Not assigned.

### RID

**14.1. UN number** Not regulated as dangerous goods.

**14.2. UN proper shipping name** Not regulated as dangerous goods.

### 14.3. Transport hazard class(es)

**Class** Not assigned.

**Subsidiary risk** -

**14.4. Packing group** Not assigned.

14.5. Environmental hazards No.  
14.6. Special precautions Not assigned.  
for user

#### ADN

14.1. UN number Not regulated as dangerous goods.  
14.2. UN proper shipping Not regulated as dangerous goods.  
name  
14.3. Transport hazard class(es)  
Class Not assigned.  
Subsidiary risk -  
14.4. Packing group Not assigned.  
14.5. Environmental hazards No.  
14.6. Special precautions Not assigned.  
for user

#### IATA

14.1. UN number Not regulated as dangerous goods.  
14.2. UN proper shipping Not regulated as dangerous goods.  
name  
14.3. Transport hazard class(es)  
Class Not assigned.  
Subsidiary risk -  
14.4. Packing group Not assigned.  
14.5. Environmental hazards No.  
14.6. Special precautions Not assigned.  
for user

#### IMDG

14.1. UN number Not regulated as dangerous goods.  
14.2. UN proper shipping Not regulated as dangerous goods.  
name  
14.3. Transport hazard class(es)  
Class Not assigned.  
Subsidiary risk -  
14.4. Packing group Not assigned.  
14.5. Environmental hazards  
Marine pollutant No.  
EmS Not assigned.  
14.6. Special precautions Not assigned.  
for user

14.7. Maritime transport in bulk Not applicable.  
according to IMO instruments

**General information** This product is not regulated as dangerous goods for solid. Shipped hot molten product requires a class 9 "HOT" with statement: Elevated temperature material, liquid, N.O.S. 9, UN3257, III (WAX).

## 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 and II, as amended**

Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

## Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, 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.

## Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

## Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

## National regulations

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

## 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).

CAS: Chemical Abstract Service.

CEN: European Committee for Standardization.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

MAC: Maximum Allowed Concentration.

MARPOL: International Convention for the Prevention of Pollution from Ships.

PBT: Persistent, bioaccumulative and toxic.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

STEL: Short term exposure limit.

TLV: Threshold Limit Value.

TWA: Time Weighted Average.

vPvB: Very persistent and very bioaccumulative.

### References

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

ECHA: European Chemical Agency.

EPA: AQUIRE database

HSDB® - Hazardous Substances Data Bank

IARC Monographs. Overall Evaluation of Carcinogenicity

National Toxicology Program (NTP) Report on Carcinogens

NLM: Hazardous Substances Data Base

### 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, which are not written out in full under sections 2 to 15

None.

### Training information

Follow training instructions when handling this material.

### Disclaimer

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**PRODUCT  
NUMBER****PRODUCT  
NUMBER**

6006A	R-6043B
6017A	R-6043C
6017B	R-6078A
6019A	R-6078B
6023A	R-6105A
6024A	R-6115A
6025A	R-6122B
6025B	R-6129A
6027A	R-6129B
6028A	R-6211A
6030A	R-6213A
6031A	R-6324A
6031C	R-6354A
6031D	R-6354B
6031E	R-6354C
6031G	R-6439A
6035A	R-6511A
6036A	R-6540A
6036B	R-6540B
6036C	R-6540C
6037A	R-6540D
6038A	R-6570A
6041A	R-6589A
6045A	R-6589B
6046A	R-6672A
6047A	R-6748A
6054A	R-6748B
6055A	R-6771A
6056A	R-6771B
6060A	R-6773A
6060B	R-6806A
6061A	R-6815B
6062A	R-6820A
6063A	R-6852A
6095A	R-6872A
6098A	R-6872B
6098B	R-6872C
6301A	R-6872D
6302A	R-6913F
6304A	R-6996A
6305A	R-7012A
6306A	R-7017A
6307A	R-7041A
6308A	
6309A	
R-2322A	
R-2778A	
R-2779A	
R-3619A	
R-3641B	
R-4863A	
R-5082B	
R-5159A	
R-5907A	
R-5930A	
R-5930B	
R-5986A	
R-6001A	
R-6030A	
R-6043A	