# Safety Data Sheet

*according to 1907/2006/EC, Article 31*

Printing date 25.08.2016 Version number 1 Revision: 25.08.2016

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

### 1.1 Product identifier

**Trade name:** JAX Clear-Guard FG-2

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

**Application of the substance / the preparation:** Lubricant.

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

**Manufacturer/Supplier:**
JAX INC.
W134 N5373 CAMPBELL DRIVE
MENOMONEE FALLS, WI 53051 USA
Tel: +01-262-781-8850
Fax: +01-262-781-3906
E-mail: pattyr@jax.com
Web: www.jax.com

**Further information obtainable from:**
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38025 Grenoble, FRANCE
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Email: europa@reach-compliance.eu
Web: www.reachteam.eu

### 1.4 Emergency telephone number(s):

NHS Direct: 111 (England and Scotland), 0845 46 47 (Wales).
National Poisons Information Service (NPIS): 0344 892 0111 (healthcare professionals only).
Ireland - National Poisons Information Centre: 01 837 9964 or 01 809 2566 (healthcare professionals only).

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**
This product is not classified as hazardous according to Regulation (EC) No 1272/2008.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008:** Not applicable.

**Hazard pictograms:** Not applicable.

**Signal word:** Not applicable.

**Hazard statements:** Not applicable.

### 2.3 Other hazards

**Results of PBT and vPvB assessment**
**PBT:** Not applicable.
**vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Hazardous components:** Not applicable.

| **Non-hazardous components:** | | |
|---|---|---|
| CAS: 8042-47-5<br>EINECS: 232-455-8<br>Reg.nr.: 01-2119487078-27 | White mineral oil (petroleum) | 30 - 100% |

**Additional information:** For the wording of the listed risk phrases refer to section 16.

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information:** No special measures required.

**After inhalation:** Move patient to fresh air, if symptoms persist consult a doctor.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**After eye contact:**
Remove contact lenses, if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Do not induce vomiting; call for medical help immediately.

### 4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet.

### 5.2 Special hazards arising from the substance or mixture
In case of fire, the following can be released:
Nitrogen oxides (NOx)
Phosphor oxides (POx).

### 5.3 Advice for firefighters

**Protective equipment:**
Wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures
Keep away from ignition sources.
Use personal protective equipment.

**6.2 Environmental precautions** Do not allow product to reach sewage system or any water course.

**6.3 Methods and material for containment and cleaning up** Absorb with liquid-binding material.

### 6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.

**Information about fire - and explosion protection:** No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities

**Requirements to be met by storerooms and receptacles:**
Store in a cool, dry place in tightly closed receptacles.

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**Information about storage in one common storage facility:** Store away from oxidising agents.

**Further information about storage conditions:** None.

**7.3 Specific end use(s):** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

**Personal protective equipment**

**General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:**

Protective gloves.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Eye protection:**

Safety glasses with side-shields (EN 166).

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**General Information**

| | |
|---|---|
| **Appearance:** | |
| **Form:** | Solid. |
| **Colour:** | Colourless. |
| **Odour:** | Characteristic. |
| **Odour threshold:** | Not determined. |
| **pH-value:** | Not applicable. |
| **Melting point/Melting range:** | >20 °C |
| **Boiling point/Boiling range:** | >35 °C |
| **Flash point:** | 248 °C |
| **Flammability (solid, gaseous):** | Not applicable. |
| **Ignition temperature:** | Not determined. |
| **Decomposition temperature:** | Not determined. |
| **Danger of explosion:** | Product does not present an explosion hazard. |

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| | |
|---|---|
| **Explosion limits:** | |
| **Lower:** | Not determined. |
| **Upper:** | Not determined. |
| **Oxidising properties** | Not determined. |
| **Vapour pressure:** | Not determined. |
| **Density:** | Not determined. |
| **Relative density at 15 °C** | 0.875 |
| **Vapour density** | Not determined. |
| **Evaporation rate** | Not determined. |
| **Solubility in / Miscibility with** | |
| **Water:** | Soluble. |
| **Partition coefficient (n-octanol/water):** | Not determined. |
| **Viscosity:** | |
| **Dynamic at 40 °C:** | 220 mm²/s |
| **Kinematic:** | Not determined. |

**9.2 Other information** No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No data available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** Keep away from heat and direct sunlight.

**10.5 Incompatible materials** Avoid strong oxidants, strong alkalis and strong acids.

**10.6 Hazardous decomposition products** Carbon monoxide and carbon dioxide.

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity**

| **LD/LC50 values:** | | |
|---|---|---|
| **8042-47-5 White mineral oil (petroleum)** | | |
| Oral | LD50 | >2000 mg/kg (Rat) |
| Dermal | LD50 | >2000 mg/kg (Rabbit) |
| Inhalative | LC50/4h | >20 mg/L (Rat) |

**Primary irritant effect:**
**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.

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

**CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):**
**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.
**STOT-single exposure:** Based on available data, the classification criteria are not met.
**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

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**Aspiration hazard:** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1 Toxicity

| **Aquatic toxicity:** | |
|---|---|
| EC50/48h | >100 mg/L (Daphnia) |
| IC50/72h | >100 mg/L (Algae) |
| LC50/96h | >100 mg/L (Fish) |

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**Additional environmental information:**

**General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.
**vPvB:** Not applicable.

**12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Recommendation:**
Disposal must be made according to official regulations.
Do not allow product to reach sewage system.

**Uncleaned packaging:**
**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

### 14.1 UN Number

**ADR, ADN, IMDG, IATA** Not applicable.

### 14.2 UN proper shipping name

**ADR, ADN, IMDG, IATA** Not applicable.

### 14.3 Transport hazard class(es)

**ADR, ADN, IMDG, IATA**
**Class** Not applicable.

### 14.4 Packing group

**ADR, IMDG, IATA** Not applicable.

### 14.5 Environmental hazards

**Marine pollutant:** No

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

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

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**Trade name:** JAX Clear-Guard FG-2

## SECTION 15: Regulatory information

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

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Directive 2012/18/EU**
**Named dangerous substances - ANNEX I** None of the ingredients are listed.

**15.2 Chemical safety assessment** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent