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

Product identifier

Product Name JET-LUBE® RUN-N-SEAL® ECF™
Product Code(s) 209

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Sealant Lubricants, Greases and Release Products
Uses advised against No information available

Details of manufacturer or importer

Supplier Identification XTEX
Address XTEX Ltd
ABN 40 121 722 236
7 Arnold Street
Cheltenham, VIC 3192
Telephone TEL: 1300-00-XTEX(9839)
E-mail sales@xtex.com.au

For further information, please contact

Responsible Persons Product Safety Department

Emergency telephone number

Emergency Telephone Number CHEMTREC: +1-703-527-3887 (INTERNATIONAL) Information Center, Australia: 13 11 26
Information Center, New Zealand: 0800 764 766

Section 2: Hazard(s) Identification

GHS Classification
Skin corrosion/irritation
Category 2 - (H315)

Serious eye damage/eye irritation
Category 2A - (H319)

Specific target organ toxicity (single exposure)
Category 3 - (H335)

**Label elements**
Exclamation mark

**Signal word**
Warning

**Hazard statements**
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

**Precautionary Statements - Prevention**
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

**Precautionary Statements - Response**
IF exposed or concerned: Get medical advice/attention
Specific treatment (see supplemental first aid instructions on this label)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Precautionary Statements - Storage**
Store locked up
Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**
Dispose of contents/container to an approved waste disposal plant

**Other hazards**
May be harmful if swallowed

**General Hazards**
No information available.

**Section 3: Composition and information on ingredients, in accordance with Schedule 8**

**Substance**
Not applicable.

**Mixture**
### Chemical Composition

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lubricating greases A complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, etc.</td>
<td>74869-21-9</td>
<td>60-100</td>
</tr>
<tr>
<td>Calcium fluoride</td>
<td>7789-75-5</td>
<td>10-30</td>
</tr>
<tr>
<td>Graphite</td>
<td>7782-42-5</td>
<td>5-10</td>
</tr>
<tr>
<td>Non-hazardous ingredients</td>
<td>Proprietary</td>
<td>Balance</td>
</tr>
</tbody>
</table>

### Section 4: First aid measures

**First aid measures**

**General advice**

IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance.

**Emergency telephone number**

Poisons Information Center, Australia: 13 11 26
Poisons Information Center, New Zealand: 0800 764 766

**Inhalation**

Remove to fresh air. IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

**Skin contact**

Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

**Ingestion**

Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

**Self-protection of the first aider**

Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

**Most important symptoms and effects, both acute and delayed**

**Symptoms**

Burning sensation.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**

Treat symptomatically.

### Section 5: Firefighting measures

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

No information available.

**Specific hazards arising from the chemical**

No information available.
Hazardous Combustion Products  Carbon oxides

Special protective actions for fire-fighters

Special protective equipment for fire-fighters  Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions  Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing.

Other Information  Refer to protective measures listed in Sections 7 and 8.

For emergency responders  Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions  Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for containment  Prevent further leakage or spillage if safe to do so.

Methods for cleaning up  Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Precautions to prevent secondary hazards

Prevention of secondary hazards  Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Advice on safe handling  Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Ensure adequate ventilation. Avoid breathing vapors or mists. In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations  Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Conditions  Keep containers tightly closed in a dry, cool and well-ventilated place.


Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits  .

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Australia</th>
</tr>
</thead>
</table>
Appropriate engineering controls

Engineering controls
Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection
If splashes are likely to occur, wear safety glasses with side-shields.

Skin and body protection
Wear suitable protective clothing. Long sleeved clothing.

Hand protection
Wear suitable gloves. Impervious gloves.

Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls
No information available.

Section 9: Physical and chemical properties

Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>7</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>204 °C</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>260 °C</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 221 °C</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>1.32</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Negligible</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
<td>None known</td>
<td></td>
</tr>
</tbody>
</table>

Other Information

Softening Point
No information available

Molecular Weight
No information available

VOC Content (%)
None
Section 10: Stability and reactivity

Reactivity
Reactivity
No information available.

Chemical stability
Stability
Stable under normal conditions.

Sensitivity to Mechanical Impact
None.

Sensitivity to Static Discharge
None.

Possibility of Hazardous Reactions
Possibility of hazardous reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur

Conditions to avoid
Conditions to avoid
None known based on information supplied.

Incompatible materials
Incompatible materials

Hazardous Decomposition Products
Hazardous Decomposition Products
Carbon oxides.

Section 11: Toxicological information

Acute Toxicity

Information on likely routes of exposure

Product Information

Inhalation
Not an expected route of exposure. Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Eye contact
Specific test data for the substance or mixture is not available. Irritating to eyes. (based on components). Causes serious eye irritation.

Skin contact
Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

Ingestion
Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms
Redness. May cause redness and tearing of the eyes.

Numerical measures of toxicity - Product Information
The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 2,889.00 mg/kg

**Unknown acute toxicity** 98.9 % of the mixture consists of ingredient(s) of unknown toxicity

7 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

98.9 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

98.9 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

98.9 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

98.9 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lubricating greases A complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, etc.</td>
<td>= 2280 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Calcium fluoride</td>
<td>= 4250 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Legend**

See section 16 for terms and abbreviations

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Classification based on data available for ingredients. Irritating to skin.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Irritating to eyes.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** May cause respiratory irritation.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

---

**Section 12: Ecological information**

**Ecotoxicity**

**Ecotoxicity**

**Unknown aquatic toxicity** 100 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lubricating greases A complex combination of hydrocarbons having carbon numbers predominantly in the</td>
<td>&gt;1001 mg/l</td>
<td>96h LC50: &gt; 2000 mg/L (Salmo gairdneri)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, etc.

<table>
<thead>
<tr>
<th>Persistence and degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and Degradability</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mobility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobility in soil</td>
</tr>
<tr>
<td>Mobility</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other adverse effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other adverse effects</td>
</tr>
</tbody>
</table>

### Section 13: Disposal considerations

<table>
<thead>
<tr>
<th>Waste treatment methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste from residues/unused products</td>
</tr>
<tr>
<td>Contaminated packaging</td>
</tr>
</tbody>
</table>

### Section 14: Transport information

<table>
<thead>
<tr>
<th>ADG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
</tr>
<tr>
<td>IMDG/IMO</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>No information available</td>
</tr>
</tbody>
</table>

### Section 15: Regulatory information

<table>
<thead>
<tr>
<th>Safety, health and environmental regulations/legislation specific for the substance or mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>National regulations</td>
</tr>
<tr>
<td>Australia</td>
</tr>
</tbody>
</table>
See section 8 for national exposure control parameters

**Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

The below table provides the relevant information for classification of this product according to the regulation. This information should be used to appropriately determine if a classification is relevant to the overall product.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Weight-%</th>
<th>Poison Schedule Number</th>
<th>Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP)</th>
</tr>
</thead>
</table>
| Calcium fluoride 7789-75-5 | 10-30 | 2, 4, 3, 5, 6 | 5: <=3% in preparations except in preparations for human use or containing <=15 mg/kg of Fluoride ion; as Fluoride ion 6: except when included in Schedule 5; in preparations for human use; or in preparations containing <=15 mg/kg of Fluoride ion 3: <=5500 mg/kg for human topical use: in non-liquid preparations containing Fluoride ion except: in preparations for therapeutic use containing <=1500 mg/kg Fluoride ion and; when containing >1000 mg/kg Fluoride ion; compliant with the requirements of the Required Advisory Statements for Medicine Labels; in preparations for non-therapeutic use containing 1500 mg/kg or less of Fluoride ion and; when containing more than 1000 mg/kg Fluoride ion; labelled with warnings to the following effect: [A] Do not swallow, and [B] Do not use [this product/name of product] in children six years of age or less; or in preparations for supply to registered dental professionals or by approval of an appropriate authority 3: <=5500 mg/kg for human topical use: in liquid preparations containing Fluoride ion in a container with a child-resistant closure except when included in or expressly excluded from Schedule 2 2: <=1000 mg/kg for human use; Fluoride ion in liquid preparations for topical use in a container with a child-resistant closure: for therapeutic use when compliant with requirements of the Required Advisory Statements for Medicine Labels [September 2008] except in preparations
containing <=220 mg/kg of Fluoride ion, in packs containing <=120 mg total Fluoride when fitted with a child-resistant closure and compliant with the requirements of the Required Advisory Statements for Medicine Labels; or for non-therapeutic use when labelled with warnings to the following effect: [A] Do not swallow, and [B] Do not use [this product/name of product] in children six years of age or less, except in preparations containing <=220 mg/kg of Fluoride ion, in packs containing <=120 mg total Fluoride, when fitted with a child-resistant closure and labelled with warnings to the following effect: [A] Do not swallow, and [B] Do not use [this product/name of product] in children six years of age or less, except in preparations containing <=15 mg/kg of Fluoride ion or preparations for supply to registered dental professionals or by approval of an appropriate authority

2: <=0.5 mg/dosage unit for human use in preparations for ingestion
4: in preparations for human use except when included in or expressly excluded from Schedule 2 or 3

National pollutant inventory
Subject to reporting requirement

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>National pollutant inventory</th>
</tr>
</thead>
</table>
| Calcium fluoride - 7789-75-5  | 10 tonne/yr Threshold category 1
|                               | 400 tonne/yr Threshold category 2a
|                               | 1 tonne/h Threshold category 2a
|                               | 2000 tonne/yr Threshold category 2b
|                               | 60000 MWH Threshold category 2b
|                               | 20 MW Threshold category 2b

International Inventories

TSCA                          Contact supplier for inventory compliance status.
DSL/NDSL                      Complies.
EINECS/ELINCS                  Complies.
ENCS                          Not determined.
KECL                          Not determined.
PICCS                         Complies.
AICS                          Contact supplier for inventory compliance status.

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List  
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
ENCS - Japan Existing and New Chemical Substances  
KECL - Korean Existing and Evaluated Chemical Substances  
PICCS - Philippines Inventory of Chemicals and Chemical Substances  
AICS - Australian Inventory of Chemical Substances

International Regulations

Ozone-depleting substances (ODS) Not applicable
Persistent Organic Pollutants Not applicable
Export Notification requirements Not applicable

Section 16: Any other relevant information

Prepared By  
Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501
Issuing Date 11-Nov-2011
Revision Date 16-Oct-2017
Revision Note Initial Release

Key or legend to abbreviations and acronyms used in the safety data sheet

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>TWA</th>
<th>TWA (time-weighted average)</th>
<th>STEL</th>
<th>STEL (Short Term Exposure Limit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceiling</td>
<td>Maximum limit value</td>
<td>-</td>
<td>Skin designation</td>
</tr>
<tr>
<td>C</td>
<td>Carcinogen</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Disclaimer
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 a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

End of Safety Data Sheet