

## 1. Identification

Product name CHEF 40  
 Use POWDERED PRESOAK  
 Supplier Dissan Group  
 9900 Boulevard du Golf  
 Anjou, Quebec  
 H1J 3A1

Code INO-ww40



Emergency phone number: CANUTEC (613) 996-6666

## 2. Hazard identification

Product classification Serious eye damage / Eye irritation - Category 1  
 Skin corrosion / irritation - Category 1  
 Signal word **DANGER**  
 Hazard statement H314 - Causes severe skin burns and eye damage.  
 Pictogram



Precautionary statement P260 - Do not breathe dust / fumes / gas / mist / vapours / spray.  
 P264 - Wash hands and face thoroughly after handling.  
 P280 - Wear protective gloves / protective clothing / eye protection / face protection.  
 P301+P330+P331 - **IF SWALLOWED**: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 - **IF ON SKIN (or hair)**: Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 P363 - Wash contaminated clothing before reuse.  
 P304+P340 - **IF INHALED**: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 - **IF IN EYES**: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
 P310 - Immediately call a POISON CENTER or a doctor.  
 P405 - Store locked up.  
 P501 - Dispose of contents / container according to all applicable regulations.

## 3. Composition / Information on ingredients

| Ingredient name                               | Cas number | % (w/w) |
|---|------------|---------|
| Alcohols (C12-15 linear saturated) ethoxylate | 68131-39-5 | 1 - 5   |
| Triphosphate pentasodique                     | 7758-29-4  | 7 - 13  |
| Sodium metasilicate anhydrous                 | 6834-92-0  | 7-13    |
| Sodium carbonate                              | 497-19-8   | 60 - 80 |

Exact percentages are being withheld as trade secret information

## 4. First-aid measures

Eyes contact Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 30 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

|  |  |
|--|--|
| Skin contact   | In case of contact, immediately flush skin with plenty of water for at least 20 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.   |
| Inhalation   | In case of inhalation of vapors or mists, bring the person to an airborne place. Immediately transfer to the closest emergency medical service if breathing is difficult. Symptoms of pulmonary edema may appear after a delay of several hours and are aggravated by physical effort. Rest and medical supervision are therefore essential. |
| Ingestion  | In case of ingestion, rinse mouth. drink a glass of water. Do not induce vomiting and see a doctor. Never administer anything orally to someone unconscious or in a convulsive state.  |
| Most important symptoms and effects                                    | See section 11.  |
| Indication of immediate medical attention and special treatment needed | No further information available.  |

## 5. Fire-fighting measures

|   |  |
|---|--|
| Suitable extinguishing media                                  | Spray water, carbon dioxide, foam, dry chemicals.  |
| Unsuitable extinguishing media                                | It is not specified whether or not there is an inappropriate method of extinguishing this product.     |
| Specific hazards arising from the chemical                    | No further relevant information available.   |
| Special protective equipment and precautions for firefighters | Wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear. |

## 6. Accidental release measures

|   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | Wear protective equipment listed in section 8. Keep unnecessary personnel and unprotected persons away.  |
| Methods and materials for containment and cleaning up.              | Isolate area. Keep unnecessary personnel away. Ensure adequate ventilation. Stop the flow of material, if this is without risk. Absorb with inert material such as vermiculite, sand or soil. Put in adequate container. Wash contaminated area. |

## 7. Handling and storage

|  |   |
|--|---|
| Precautions for safe handling                                | Put on appropriate personal protective equipment (see section 8). Use in a way to prevent splashing. Eating, drinking and smoking should be prohibited in areas where this material is handled or stored. Workers should wash hands and face before eating, drinking and smoking. Keep in the original container or an approved alternative, kept tightly closed when not in use. Do not reuse empty container. |
| Conditions for safe storage, including any incompatibilities | Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).   |

## 8. Exposure controls / Personal protection

### Occupational exposure limits (by ingredients)

| Ingredient name                               | TWAEV | STEV |
|---|-------|------|
| Alcohols (C12-15 linear saturated) ethoxylate | -     | -    |
| Triphosphate pentasodique                     | -     | -    |
| Sodium metasilicate anhydrous                 | -     | -    |
| Sodium carbonate                              | -     | -    |

Source of data : RSST

P = ceiling value that should not be exceeded for any amount of time.

Appropriate engineering controls

Use only with ventilation adequate to keep air concentration below STEV if use generates vapor or mists. If STEV is exceeded, wear NIOSH approved respirator.

### Individual protection measures

Eyes & face

Wear chemical goggles and face shield.

Skin

Wear impervious gloves and impervious apron.

Respiratory

If airborne exposures cannot be kept below permissible exposure limits, use a NIOSH approved respiratory protection.

Other

Provide eye wash facility and safety shower near the places where the product is used. Normal work clothes (long-sleeved shirt, long pants and closed shoes) are recommended. Contact lenses should not be worn when handling this product.

## 9. Physical and chemical properties

|   |               |                           |               |   |                  |
|---|---------------|---------------------------|---------------|---|------------------|
| Physical state                          | Powder        | Evaporation rate          | Not available | Relative density                        | Not available    |
| Colour                                  | Light blue    | Flammability              | Not flammable | Solubility                              | Soluble in water |
| Odour                                   | Odorless      | Upper flammability limits | Not available | Partition coefficient - n-octanol/water | Not available    |
| Odour threshold                         | Not available | Lower flammability limits | Not available | Auto-ignition temperature               | Not available    |
| pH                                      | 11.7          | Upper explosive limits    | Not available | Decomposition temperature               | Not available    |
| Melting point                           | Not available | Lower explosive limits    | Not available | Viscosity                               | Not available    |
| Initial boiling point and boiling range | Not available | Vapour pressure           | Not available |   |                  |
| Flash point                             | >100°C        | Vapour density            | Not available |   |                  |

## 10. Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability                 | Stable under normal conditions.   |
| Possibility of hazardous reactions | No dangerous reactions known.   |
| Conditions to avoid                | No specific data.   |
| Incompatible materials             | No further relevant information available.  |
| Hazardous decomposition products   | In contact with soft metals, hydrogen gas.  |

## 11. Toxicological information

### Potential Health Effects

Eyes contact

Provokes severe irritation of the eyes, edema of the cornea and can cause burns.

Skin contact

This product is irritating and corrosive to the skin. It causes severe burns with deep ulcerations. Irritative contact dermatitis may occur in repeated contact with this product or its solutions. Dermatitis may cause redness, itching, peeling and papules. Exposure to dust or fog can cause multiple small burns on the skin with a temporary loss of hair.

Inhalation

Inhalation immediately irritating to the respiratory tract. Swelling or spasms of the larynx leading to upper-airway obstruction and asphyxia can occur after high-dose inhalation. Inflammation of the lungs and an accumulation of fluid in the lungs may also occur.

Ingestion Corrosion of the digestive tract with severe pain, dyspnea, vomiting, nausea, possible perforation of the esophagus and stomach . The effects can lead to death.

Chronic Exposure No further information available.

#### Acute toxicity (per ingredient)

| Ingredient                                    | Acute toxicity  |
|---|---|
| Alcohols (C12-15 linear saturated) ethoxylate | No data available   |
| Triphosphate pentasodique                     | LD 50 Oral : 2000 mg/kg, Rat<br>LD 50 Dermal : 4640 mg/kg, Rat                        |
| Sodium metasilicate anhydrous                 | LD 50 Oral : 1153 mg/kg, Rat<br>LD 50 Dermal : > 15440 mg/kg, Rabbit                  |
| Sodium carbonate                              | LD 50 Oral : 2390 mg/kg, Rat<br>LC 50 Inhalation : 400 mg/m <sup>3</sup> , Guinea pig |

### 12. Ecological information

Ecotoxicity No further relevant information available.

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

### 13. Disposal considerations

Disposal methods Dispose of contents/container in accordance with local / regional / national / international regulations.

### 14. Transport information

#### TDG Classification

| UN Number | Shipping name | Class | Packing group |
|-----------|---------------|-------|---------------|
| N/A       | Not regulated | N/A   | N/A           |

### 15. Regulatory information

WHMIS classification Serious eye damage / Eye irritation - Category 1  
Skin corrosion / irritation - Category 1

Other applicable regulations No further data available.

### 16. Other information

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Safety Data Sheet prepared by Dissan Group  
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#### Notice to reader

The information provided in this Safety Data Sheet is accurate to the best of our knowledge, and information available at the date of publication. The information is only designed as a guidance for safe handling, use, transport, storage and disposal.

Use of this product should be performed with caution as there are risks and hazards for people and goods, which are detailed but are not limited in this MSDS. To reduce the risks and dangers with this product is the responsibility of the user to comply with instructions and all instructions provided in the MSDS of this product. The manufacturer, distributors and suppliers of this product are exempt from any liability for any loss or damages of any kind whatsoever resulting from the use of this product that does not comply with the instructions or to all instructions provided in this MSDS or resulting from careless use of this product.

