

SAFETY DATA SHEET

1. Identification

Product name CHEF 30

MECHANICAL WAREWASH SANITIZERS Use

Supplier Dissan Group

9900 Boulevard du Golf

Anjou, Quebec H1J 3A1

Emergency phone number: CANUTEC (613) 996-6666

Code INO-ww30



2. Hazard identification

Product classification Serious eye damage / Eye irritation - Category 1

Skin corrosion / irritation - Category 1

Specific target organ toxicity - Single exposure - Category 3

Signal word **DANGER**

Hazard statement H314 - Causes severe skin burns and eye damage.

H335 - May cause respiratory irritation.

Pictogram





P260 - Do not breathe dust / fumes / gas / mist / vapours / spray. Precautionary statement

> P264 - Wash hands and face thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area.

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.

P312 - Call a POISON CENTER or doctor if you feel unwell.

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.

P403+P233 - Store in a well ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501 - Dispose of contents / container according to all applicable regulations.

3. Composition / Information on ingredients

Cas number **Ingredient name** % (w/w) Sodium hypochlorite 7681-52-9 3 - 7 Sodium hydroxide 1310-73-2 0.1 - 1

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 fumes ou dust, bring person to aerated area. If she does not breath,

administer mouth-to-mouth resuscitation. If breathing is difficult, provide oxygen. Call a

See section 11.

In case of ingestion, rinse mouth, drink a glass of water. Do not induce vomiting and see a Ingestion

doctor. Never administer anything orally to someone unconscious or in a convulsive state.

Most important symptoms and effects

Indication of immediate medical

No further information available.

attention and special treatment needed

5. Fire-fighting measures

Suitable extinguishing media To fight a fire, use extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media It is not specified whether or not there is an inappropriate method of extinguishing this

During fire, gases hazardous to health may be formed.

product.

Specific hazards arising from the

chemical

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

Methods and materials for containment and cleaning up. Wear protective equipment listed in section 8. Keep unnecessary personnel and unprotected persons away.

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)

Occupational exposure mints (by ingredients)					
Ingredient name	TWAEV	STEV			
Sodium hypochlorite	-	-			
Sodium hydroxide	-	P 2 mg/m3			

Source of data: RSST

P = ceiling value that should note 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	Liquid	Evaporation rate	Not available	Relative density	1.08 g/mL
Colour	Yellowish	Flammability Upper	Not flammable	Solubility Partition	Soluble in water
Odour	Chlorine odor	flammability limits	Not available	coefficient - n- octanol/water	Not available
Odour threshold	Not available	Lower flammability limits	Not available	Auto-ignition temperature	Not available
рН	11.5 - 12.5	Upper explosive limits	Not available	Decomposition temperature	Not available
Melting point	Similar to water.	Lower explosive limits	Not available	Viscosity	Not available
Initial boiling point and boiling range	Similar to water.	Vapour pressure	Not available		
Flash point	Not applicable	Vapour density	Not available		

10. Stability and reactivity

Reactivity Release chlorine gas upon contact with acid or strong oxidizer.

Chemical stability Slowly decompose realeasing chlorine.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid Avoid excessive heat and direct exposure to light.

Incompatible materials Reactive with oxidizing agents and acids.

Hazardous decomposition products Dichlorine, hydrochloric acid

11. Toxicological information

Potential Health Effects

Eyes contact Corrosion of the eyes. Can provoke damage to the eyes that leads to blindness.

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 arphysia can occur after high dose inhalation

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
Sodium hypochlorite	LD 50 Oral : 5000 mg/kg, Rat @ 12% solution
Sodium hydroxide	LD 50 Oral: 500 mg/kg, Rabbit
-	LD 50 Dermal: 1350 mg/kg, Rabbit

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
1791	SODIUM HYPOCHLORITE SOLUTION	8	III

15. Regulatory information

WHMIS classification Serious eye damage / Eye irritation - Category 1

Skin corrosion / irritation - Category 1

Specific target organ toxicity - Single exposure - Category 3

Other applicable regulations No further data available.

16. Other information

Date of issue 03/12/2018 Safety Data Sheet prepared by Dissan Group

9900 Boulevard du Golf

Anjou, Quebec H1J 3A1

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.