

# Safety Data Sheet

## Hazardous, Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name: **Slipstream Pro X Factor Pre-Soak**

Recommended Use: Alkaline detergent

Supplier: JAW Ltd

Street Address: 25B Paramount Drive  
Henderson Auckland 0622 New Zealand

Telephone: 09 2159743

Emergency Telephone Number: 09 2159743 (office hours)

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to the criteria of EPA New Zealand GHS 7.



#### Signal Word

Danger

#### Hazard Classifications

Corrosive to Metals - Category 1

Skin Corrosion - Category 1B

Serious Eye Damage - Category 1

#### Hazard Statements

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

#### Prevention Precautionary Statements

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P234 Keep only in original packaging.

P260 Do not breathe fume, gas, mist, vapours or spray.

P264 Wash hands, face and all exposed skin thoroughly after handling.

P280 Wear protective gloves, protective clothing including eye & face protection.

#### Response Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.

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 [or shower].

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 doctor.

P363 Wash contaminated clothing before reuse.

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P390 Absorb spillage to prevent material damage.

## Storage Precautionary Statements

P405 Store locked up.  
P406 Store in corrosive resistant insert appropriate compatible material container with a resistant inner liner.

## Disposal Precautionary Statement

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

## DANGEROUS GOOD CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

**Dangerous Goods Class: 8**

## 3. COMPOSITION INFORMATION

| CHEMICAL ENTITY                            | CAS NO    | PROPORTION |
|--------------------------------------------|-----------|------------|
| Sodium hydroxide                           | 1310-73-2 | 10-<30 %   |
| Ingredients determined to be Non-Hazardous |           | Balance    |
|                                            |           | <hr/> 100% |

## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin Contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

**Eye Contact:** Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

**PPE for First Aiders:** Wear safety shoes, gloves, apron and safety glasses. Available information suggests that gloves made from Natural Rubber, Nitrile Rubber, Neoprene, Polyvinyl Chloride (PVC) should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Notes to Physician:** Treat symptomatically. Can cause corned burns.

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## 5. FIRE FIGHTING MEASURES

**Hazchem Code:** 2R

**Suitable Extinguishing Media:** If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

**Specific Hazards:** Non-combustible material.

**Fire Fighting Further Advice:** Not combustible, however following evaporation of aqueous component residual material can burn if ignited.

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

### LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

**Dangerous Goods – Initial Emergency Response Guide No:** 154

## 7. HANDLING AND STORAGE

**Handling:** Avoid eye contact and skin contact Avoid inhalation of vapour, mist or aerosols.

**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Store in corrosive resistant container with a resistant inner liner. Keep container standing upright. Keep containers closed when not in use – check regularly for leaks.

This material is classified as a Class 8 Corrosive. as per the criteria of the “New Zealand NZS5433: Transport of Dangerous Goods on Land” and/or the “Australian Code for Transport of Dangerous Goods by Road & Rail” and must be stored in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                  | TWA |             | STEL |       | NOTICES |
|------------------|-----|-------------|------|-------|---------|
|                  | ppm | mg/m3       | ppm  | mg/m3 |         |
| Sodium hydroxide |     | Ceiling - 2 |      |       |         |

As published by WorkSafe New Zealand.

WES-TWA (Workplace Exposure Standard – Time-weighted average). The average airborne concentration of a substance calculated over an eight-hour working day.

WES-Ceiling (Workplace Exposure Standard - Ceiling). A concentration that should not be exceeded at any time during any part of the working day.

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WES-STEL (Workplace Exposure Standard - Short-term exposure limit). The 15-minute time weighted average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Exposures at concentrations between the WES-TWA and the WES-STEL should be less than 15 minutes, should occur no more than four times per day, and there should be at least 60 minutes between successive exposures in this range.

ppm                      Parts of vapour or gas per million of air by volume.  
mg/m<sup>3</sup>                  Milligrams of substance per cubic metre of air.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

**Biological Limit Values:** As per the WorkSafe New Zealand the ingredients in this material do not have a Biological Limit Allocated.

**Engineering Measures:** Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well-ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator.

**Personal Protection Equipment:** SAFETY SHOES, GLOVES, APRON, SAFETY GLASSES.

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear safety shoes, gloves, apron and safety glasses. Available information suggests that gloves made from Natural Rubber, Nitrile Rubber, Neoprene, Polyvinyl Chloride (PVC) should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Hygiene Measures:** Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                  |             |
|----------------------------------|-------------|
| <b>Form:</b>                     | Liquid      |
| <b>Colour:</b>                   | Red         |
| <b>Solubility:</b>               | Soluble     |
| <b>Specific Gravity:</b>         | 1.14 - 1.16 |
| <b>Boiling Point/Range (°C):</b> | ca. 100°C   |
| <b>pH:</b>                       | 14          |

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## 10. STABILITY AND REACTIVITY

**Chemical Stability:** This material is stable under normal conditions of storage and use.

**Conditions to Avoid:** No information available

**Incompatible Materials:** Oxidising agents and strong acids

**Hazardous Decomposition Products:** Emits toxic fumes of nitrogen oxides and carbon dioxide on combustion or oxidation.

**Hazardous Reactions:** This material is stable under normal conditions of storage and use.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects

**Inhalation:** Inhalation may result in respiratory irritation and possible burns.

**Skin Contact:** Contact with skin will result in irritation and may cause severe burns with possible permanent damage.

**Ingestion:** Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and severe chemical burns to the mouth and gastrointestinal tract.

**Eye Contact:** Corrosive to eyes. Contact may cause corneal burns that can result in permanent injury.

### Acute Toxicity

**Inhalation:** This material has been classified as not hazardous for acute inhalation exposure.

**Skin Contact:** This material has been classified as not hazardous for acute dermal exposure.

**Ingestion:** This material has been classified as not hazardous for acute ingestion exposure.

**Corrosion/Irritancy:** Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 1B Hazard (irreversible effects to skin).

**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

**Aspiration Hazard:** This material has been classified as not an aspiration hazard.

**Specific Target Organ Toxicity (Single Exposure):** This material has been classified as not a specific hazard to target organs by a single exposure.

### Chronic Toxicity

**Mutagenicity:** This material has been classified as not a mutagen.

**Carcinogenicity:** This material has been classified as not a carcinogen.

**Reproductive Toxicity (Including via Lactation):** This material has been classified as not a reproductive toxicant.

**Specific Target Organ Toxicity (Repeat Exposure):** This material has been classified as not a specific hazard to target organs by repeat exposure.

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## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Acute Aquatic Hazard:** This material has been classified as not hazardous for acute aquatic exposure.

**Chronic Aquatic Hazard:** This material has been classified as not hazardous for chronic aquatic exposure.

**Ecotoxicity in the Soil Environment:** This material has been classified as non-hazardous.

**Ecotoxicity to Terrestrial Vertebrates:** This material has been classified as non-hazardous.

**Ecotoxicity to Terrestrial Invertebrate:** This material has been classified as non-hazardous.

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulative Potential:** No information available.

**Mobility:** No information available.

## 13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

## 14. TRANSPORT INFORMATION

### ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".



|                             |                           |
|-----------------------------|---------------------------|
| UN No                       | 1824                      |
| Dangerous Goods Class       | 8                         |
| Packing Group               | II                        |
| Hazchem Code                | 2R                        |
| Emergency Response Guide No | 154                       |
| Limited Quantities          | 1 L                       |
| Proper Shipping Name        | SODIUM HYDROXIDE SOLUTION |

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**Segregation Dangerous Goods:** Not to be loaded with explosives (Class 1), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2), radioactive substances (Class 7) or food and food packaging in any quantity. Note 1: Concentrated strong alkalis are incompatible with concentrated strong acids. Note 2: Concentrated strong acids are incompatible with concentrated strong alkalis. Note 3: Acids are incompatible with Dangerous Goods of Class 6 which are cyanides. Exemptions may apply.

## MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.



|                       |                           |
|-----------------------|---------------------------|
| UN No                 | 1824                      |
| Dangerous Goods Class | 8                         |
| Packing Group         | II                        |
| Limited Quantities    | 1 L                       |
| Proper Shipping Name  | SODIUM HYDROXIDE SOLUTION |

## AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.



|                       |                           |
|-----------------------|---------------------------|
| UN No                 | 1824                      |
| Dangerous Goods Class | 8                         |
| Packing Group         | II                        |
| Limited Quantities    | 0.5 L                     |
| Proper Shipping Name  | SODIUM HYDROXIDE SOLUTION |

## 15. REGULATORY INFORMATION

### This Material/Constituent(s) is Covered by the Following Requirements:

NZ EPA Status: All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

AICIS Status: All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC).

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16. OTHER INFORMATION

Reason for issue: First Issue

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorized use of this information or for any modified or altered versions.

If you are an employer, it is your duty to tell your employees, and any other that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.