

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION:

### BioFresh BIO-HD

Heavy-Duty Floor Treatment  
MPI Approved C31 (All animal product except dairy)

### CHEMICAL SOLUTIONS LTD

1 Freight Place  
Airport Oaks  
Auckland 2022  
New Zealand.

PO Box 107-105, Auckland Airport 2150, Auckland, New Zealand.

Phone: (64-9) 255-5609  
Fax: (64-9) 255-5610  
E-mail: [sales@kemsol.co.nz](mailto:sales@kemsol.co.nz)  
Website: [www.kemsol.co.nz](http://www.kemsol.co.nz)

EMERGENCY CONTACT: Phone (64-9) 255-5609 8 am to 5 pm Mon to Fri  
After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

## 2. HAZARD IDENTIFICATION:

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.  
This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.

6.3B Causes mild skin irritation.  
6.4A Causes eye irritation.

Cleaning Products Subsidiary Hazards Group Standard 2006: HSR002530

## 3. COMPOSITION / INFORMATION ON INGREDIENTS:

Proprietary microbial suspension - non pathenogenic	2 - 10 %
Surfactants	2 - 10 %
Thickener	< 2 %
Dyes	< 2 %
Water	to 100 %

## 4. FIRST AID MEASURES:

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.

IF ON SKIN: Rinse skin with water. If skin irritation occurs: Get medical advice.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

MEDICAL ASSISTANCE: If discomfort persists, call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice. Have this label or Safety Data Sheet on hand.

## 5. FIREFIGHTING MEASURES:

This product is neither flammable nor combustible.

Drums subject to the heat of a prolonged fire may explode or erupt scattering contents with possibility of enhancing combustion. Where possible remove drums and containers from the path of a fire, or cool with water spray.

Firefighters may use water spray, jet, fog, foam, CO<sub>2</sub>, or dry chemical powder to extinguish a fire in the vicinity.

## 6. ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate.

Minor spills (less than 100 litres) should be contained from drainage, diluted with water, neutralised where appropriate, and removed with mops, or absorbed with Mineral Sponge, rags, paper, sand, or soil. It may be possible to drain small spills to town wastewater services where permitted by local authorities.

Large spills (drums and IBCs) should be contained from local drainage with any suitable bund or barrier. Clean up with absorbant material such as Mineral Sponge, paper, rags, sand or soil. Where a liquid suction cleaning machine is available, it should be used only after neutralising the spilt product.

## 7. HANDLING AND STORAGE:

Wash hands thoroughly after handling. Read label before use.

Store containers in sites where they can be kept cool and dry and away from heat sources. Liquid products in drums and carboys must have secure closures which fit. Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on an easily seen location on the container.

After use, always replace lids and caps and return to safe storage as soon as possible.

There are no specific transport restraints for this material in secure containers.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION:**

Exposure controls: No data is available for the product.  
 Eye protection: Safety glasses.  
 Protective clothing: Chemically impregnable gloves, protective work clothes (a coat, apron or overalls).  
 Respiratory protection: Not required for the regular use of this product. If the liquid is being vaporised, a face shield and/or respirator may be required. These operations should be carried out by trained personnel only.  
 Ventilation: Where spraying or vaporising is being carried out, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

**Appearance** Brown, slightly viscous liquid  
**Odour** Slight Odour  
**pH** 6.0 - 7.0  
**Flash Point** Not applicable  
**Ignition Point** Not applicable  
**Specific Gravity** 1.00  
**Refractive Index** 7.5 - 9.0 %Brix  
**Viscosity** 1000 - 2000 mPas  
**Relative Foam** Medium  
**Solubility in water** Completely in all proportions.

**10. STABILITY AND REACTIVITY:**

The product is considered stable under normal storage conditions.  
 Avoid contamination with oxidising substances.  
 Hazardous polymerisation will not occur.  
 Combustion of this product will release oxides of carbon and nitrogen.

**11. TOXICOLOGICAL INFORMATION:**

No data is available for the product.

**12. ECOLOGICAL INFORMATION:**

No data is available for the product..  
 Surfactants used are classed Readily Biodegradable according to the European Union Detergents Regulations #648/2004.  
 The microbial treatment consists of nitrifying bacteria which will not interfere with wastewater treatment systems.

**13. DISPOSAL CONSIDERATIONS:**

Minor spilled liquids (after neutralisation) may be disposed of through town wastewater systems where these are authorised for industrial use.  
 Major spills, which have been collected by machine or on absorbants, should be disposed of by waste disposal experts in accordance with local regulations.  
 Used containers should be rinsed, not recycled, but disposed of in landfill or incinerated.

**14. TRANSPORT INFORMATION:**

NZ Land Transport Rule: Dangerous Goods Rule 2005

Classified as not dangerous for Land Transport in New Zealand

**15. NZ REGULATORY INFORMATION:**

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.  
 This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.  
 Cleaning Products Subsidiary Hazards Group Standard 2006: HSR002530

HSNO Act Controls Regulations 2001 for product:

Limit and monitor exposure during the use of the product

Make use of suitable equipment for handling the product

Wear suitable protective clothing while being used

Limit exposure to the environment

Dispose of waste or spilt material only through a recognised expert company

**16. OTHER INFORMATION:**

Formulation reference and version number: J1-136, P362 Version 9  
 This SDS was prepared from data available on 18 February 2019  
 This SDS was printed on 24 March 2019  
 This SDS will be reviewed no later than 31 August 2021

**END OF THIS SAFETY DATA SHEET**