



# BEST HEAVY DUTY CLEANER

SAFETY DATA SHEET VERSION 1.0 • 20<sup>TH</sup> JUNE 2025.

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: Best Heavy Duty Cleaner

RECOMMENDED USE: Breaking down grease and oil

Supplier name: Hygiene Direct.

Address: U5/43 Fremlin Place, Avondale, Auckland 1026.

Phone: 0800 828 4426.

Emergency Telephone: New Zealand: 0800 764 766 (NZ NATIONAL POISON CENTRE). International: +643 479 7227.

## 2. HAZARD IDENTIFICATION

HAZARD CLASSIFICATION: **HAZARDOUS** according to GHS-7 criteria (Globally Harmonised System of Classification and Labelling of Chemicals).

Hazard statement: **WARNING**

HAZARD CATEGORY (GHS):

- Skin corrosion/irritation Category 2.
- Serious eye damage/eye irritation Category 2A.



Hazard statement code/s:

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

Prevention statement/s:

- P101 Keep packaging on hand if medical advice required.
- P102 Keep out of reach of children.
- P103 Read label and SDS before use.
- P264 Wash hands thoroughly after handling.
- P280 Wear protective gloves and eye/face protection.

Response statement code/s:

- P301 + P312 IF SWALLOWED: Call POISON CENTER/doctor if you feel ill. P330 Rinse mouth.
- P304 + P340 IF INHALED: Breathe fresh air. Rest in a comfortable position. Call POISON CENTER or doctor if you feel ill.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P305 + P351 + P338 IF IN EYES: Flush with water for several minutes. Remove any contact lenses. Continue rinsing.
- P337 + P313 If any irritation persists: Get medical advice/attention.

Storage statement codes: NONE.

Disposal statement code: P501 Dispose of product and packaging in accordance with local regulations.

The information contained in this SDS is specific to the product when handled and used neat. This product when diluted/mixed may not require the same control measures as the neat product. Check with your technical representative if in doubt.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

The ingredients below are considered either hazardous, dangerous goods or poison scheduled according to GHS-7 criteria, at the levels used in the product.

INGREDIENT	CAS No.	PROPORTION (%)
Sodium metasilicate, pentahydrate	10213-79-3	1-5%
Alkanate LDC90	Mixture	1-5%

## 4. FIRST AID MEASURES

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Seek immediate medical advice if you feel unwell.

Eye contact: Flush with water for several minutes. Remove any contact lenses. Continue rinsing for at least 15 minutes.

Skin contact: Wash hands thoroughly after handling.

Inhalation: Remove from source of exposure to fresh air. Seek immediate medical advice if you feel unwell.

## 5. FIRE FIGHTING METHODS

General: Clear fire area of non-emergency staff. Eliminate ignition sources. Move fire exposed containers from fire area if possible without risk.

Extinguishing media: Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

Flammability conditions: Product is neither flammable nor combustible.

Fire & explosion hazards: No known hazards.

Hazards from combustion: Packaging may release toxic gases when burnt.

PPE: Standard PPE to treat the surrounding fire.

HAZCHEM code: None.

## 6. ACCIDENTAL RELEASE MEASURES

General: Clean up immediately. Avoid walking through spill as it will be slippery. Stop leak if safe to do so. Shut off all possible sources if ignition. Clean up: Flush smaller spills with plenty of water. Contain large spills. Collect with absorbent material, (e.g. sand) and place in container for disposal according to local/national regulations. Keep in suitable, closed containers for disposal.

Containment: Stop leak if you can do it without risk.

Environmental precautions: Do not allow bulk neat product to reach drains, sewers or waterways. Do not discharge into the soil. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Authority.

PPE: Personnel involved in the clean up should wear gloves, goggles and non-slip footwear as a minimum precaution.

## 7. HANDLING AND STORAGE

Handling: Keep an eye bath & safety shower available & ready for use. Observe good personal hygiene practices and recommended procedures. Storage: Store in cool, dry area, out of the reach of children. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standard: No information available.

Exposure limits: No information available.

Biological limits: No information available.

Engineering measures: Keep an eye bath on hand and ready to use.

PPE: EYES: Splash proof goggles/face mask. HANDS: Elbow length nitrile or neoprene gloves. CLOTHING: Chemical-resistant coveralls, splash apron and safety footwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Clear dark blue liquid.

Odour: Slightly solvent.

Odour threshold: No information available.

pH: 12.7 – 13.5°C.

Specific gravity: No information available.

Boiling point: No information available.

Flash point: Does not flash.

Explosion limits: No information available.

Evaporation rate: No information available.

Flammability (solid, gas): No information available.

Vapour pressure: No information available.

Vapour density: No information available.

Density: No information available.

Solubility in water: Complete.

Shelf life: 2 years from date of manufacture (when stored as directed).

## 10. STABILITY AND REACTIVITY

General information: No information available.

Chemical stability: Product is stable under normal conditions.

Conditions to avoid: No information available.

Materials to avoid: No information available.

Hazardous decomposition: No information available.

Hazardous polymerisation: No information available.

## 11. TOXICOLOGICAL INFORMATION

General information: No information available.

Lc<sub>50</sub> (inhalation): No information available.

Ld<sub>50</sub> (ingestion): 7070.

Eye irritant: causes serious eye irritation. Rinse well with water.

Skin irritant: causes skin irritation. Rinse well with water.

Ingestion: may cause transient irritation. Drink at least 2 glasses of water.

Inhalation: No information available.

## 12. ECOLOGICAL INFORMATION

Fish Lc<sub>50</sub>: No information available.

Invertebrate Ec<sub>50</sub>: No information available.

Persistence/degradability: No information available.

Mobility: No information available.

Environmental fate: No information available.

Bioaccumulation potential: No information available.

Environmental impact: No information available.

## 13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of according to all local, regional regulations. All empty packaging should be disposed of as per local council, or recycled/reconditioned at an approved facility.

Landfills: Contact a specialist disposal company or the local waste regulator for advice.

## 14. TRANSPORT INFORMATION

NOT Classified Dangerous Goods by the by the NZ Transport Agency - Land Transport Rule (2005).

## 15. REGULATORY INFORMATION

Country/ region: New Zealand

Status: According to GHS-7 criteria

Group standard: Cleaning Products (Subsidiary Hazard) Group Standard 2020 - HSR002530

## 16. OTHER INFORMATION

SDS issue number: 1.0.

SDS issue date: 20/6/2025.

Reason(s) for issue: Rebranded product.

HSNO Hazard classifications: **6.3A, 6.4A.**

THIS ISSUE NUMBER REPLACES ALL PREVIOUS ISSUES.

In any event, the review and, if necessary, the re-issue of a SDS shall be no longer than 5 years after the last date of issue.

## 17. LEGEND

EPA: Environmental Protection Authority (NZ)

GHS: Globally Harmonised System

NZTA: NZ Transport Agency

PPE: Personal Protective Equipment

SDS: Safety Data Sheet

STEL: Short Term Exposure Limit = 15-min TWA exposure. Max 4x a day (at least 60min between successive exposures at the STEL).

TLV: Threshold Limit Value. Substance airborne concentrations/levels that workers are repeatedly exposed to daily without adverse effect.

TWA: Time Weighted Average. The AVG airborne concentration of a substance, calculated over an 8-hour day, for a 5-day working week.

This SDS, prepared from current EPA & Worksafe NZ guidelines, summarises at the date of issue our best knowledge of the health & safety information of the product and in particular how to safely handle and use the product in the workplace, If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request. This SDS may only be reproduced in full, as summaries/excerpts may not contain all the relevant information and thus are not permitted.