Safety Data Sheet
FC9 Oven Cleaner

Classified as: Hazardous according to the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: FC9 Oven Cleaner

Supplier: FluidChristeyns Ltd
2 Rymer Place
Mangere Bridge
Auckland 2022
New Zealand

Phone: 0800 358 436

Email: info@fluidchristeyns.com

Recommended Use: Oven and hot plate cleaner, industrial use.

In Case of Emergency Contact:

CHEMCALL: 0800 CHEMCALL (243 622)

Section 2: HAZARDS IDENTIFICATION

This product is classified as a Dangerous Good for Transport.

This product is classified as hazardous according to criteria in the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

Classified under the group standard “Cleaning Products (Corrosive) Group Standard 2020”.

HSNO APPROVAL NUMBER: **HSR002526**

HSNO CLASSIFICATIONS: 6.1D – Acute toxicity, oral
8.1A – Corrosive to metals
8.2B – Corrosive to skin
8.3A – Corrosive to eyes

GHS Classification: Acute toxicity, oral – Category 4
Corrosive to metals – Category 1
Skin corrosion – Category 1B
Serious eye damage - Category 1

Hazard Statements:

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.

GHS Pictograms:

DANGER

PREVENTION STATEMENTS:

P234 – Keep only in original packaging.
P260 – Do not breathe mist/vapours/spray.
P264 – Wash hands, exposed skin thoroughly after handling.
P270 – Do not eat, drink, or smoke when using this product.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.

RESPONSE STATEMENTS:

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].
P363 – Wash contaminated clothing before re-use.
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.
P308 + P310 – If exposed or concerned: Immediately call a POISON CENTER or doctor/physician.
P321 – Specific treatment (see first aid panel on this label).
P390 – Absorb spillage to prevent material damage.

STORAGE:

P405 – Store locked up.
P406 – Store in a corrosion resistant container with a resistant inner liner.

DISPOSAL:

P501 - In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Dispose of via an approved waste disposal contractor. Refer to Section 13 of the SDS.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture: Oven cleaner.

Main Component	CAS Number	Concentration (%wt)
Sodium hydroxide	1310-73-2	10 - 30%
Potassium hydroxide	1310-58-3	10 – 30%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

Workplace Facilities Required: Eye wash and safety shower facilities should be provided in workplaces.

If Inhaled: Remove to fresh air. Seek medical attention if symptoms persist.

In Contact with Eye: Hold eyes open, flush continuously with water until told to stop by a medical professional, or for at least 30 minutes. Seek immediate medical attention.

In Contact with Skin: Wash skin with plenty of water, while removing contaminated clothing and shoes. Wash contaminated clothing before re-use. Seek immediate medical attention. Skin effects and pain may be delayed.

If Swallowed: DO NOT INDUCE VOMITING. Rinse mouth. Give small quantities of water. Never give anything by mouth to an unconscious person. If unconscious, seek immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration to lungs.

Advice to Doctor: Treat symptomatically. Product is alkaline and highly corrosive to eyes and skin. Pain and other effects are often delayed and there may be a time delay between exposure and patient applying first aid during which time burns have advanced. Ophthalmological opinion should be sought for burns to eyes.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Product is not flammable or combustible.

Suitable Extinguishing Media: Use carbon dioxide, dry powder, alcohol resistant foam, or water spray.

Precautions in Connection with Fire: May give off corrosive/irritating fumes in a fire.

Advice for firefighters: Wear full firefighting gear and self-contained breathing apparatus. Remove fire-exposed containers from path of fire if safe to do so.

Section 6: ACCIDENTAL RELEASE MEASURES

An emergency response plan meeting the requirements of Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 is required when held in quantities greater than 1,000L.

Precautions: Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area. Avoid contact with skin and eyes. Avoid breathing mist/vapours/spray.

Suitable Protective Equipment: Emergency responders must use personal protective equipment, including gloves, protective clothing and footwear, and safety glasses with side shields or safety goggles. Respiratory protection may be required if mist/vapours/spray is present.

Spill or Leak Procedures. Contain the spill. Spill may be neutralised using weak acid such as citric or boric acid. Absorb with suitable inert material such as sand, earth. Collect into a suitable waste container for disposal. Ensure waste container is properly labelled.

Waste Disposal Methods: Dispose of as per Section 13.

Emergency preparation: Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Never return unused material to original container. Do not eat, drink, or smoke when using this product. Avoid breathing mist/vapours/spray. Remove contaminated clothing and wash hands and face before entering eating areas.

Storage: Store locked up. Keep in original labelled container. Keep container tightly closed when not in use. Store in a cool, dry, well-ventilated area.

Site Storage Requirements: Site Signage will be required when quantities exceed 250L. Incompatibilities refer to Section 10.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ: No Workplace Exposure Standards have been established for this product. Workplace Exposure Standards have been established for the following ingredients:

Sodium hydroxide: Ceiling 2 mg/m^3
Potassium hydroxide: Ceiling 2 mg/m^3

Engineering Controls: Eyewash facilities and safety showers should be provided in the work area where there is a risk of exposure to eyes and skin. If use generates large quantities of vapours/mist/spray, use engineering controls such as local exhaust ventilation to ensure workers are not exposed to levels exceeding the exposure standards.

Personal Protective Equipment: Avoid contact with skin and eyes. Do not breathe mist/vapour/spray.

Hand protection: Wear protective gloves that are resistant to the product, e.g., PVC. Wear elbow length gloves. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.

Skin and body protection: Use protective clothing. If working with large quantities use an additional PVC apron. Remove any contaminated clothing to avoid prolonged contact with the skin. Wash work clothes regularly. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.

Eye protection: Use safety glasses with side shields or safety goggles to protect eyes. Refer to AS/NZS 1336 for suitable eye and face protection.

Respiratory protection: If ventilation is inadequate and use generates mist/vapours/spray, use a respirator suitable for caustic mist/spray.

Other information: PPE selected must be impervious to the substance. Do not eat, smoke, or drink where material is handled, processed, or stored. Wash hands carefully before eating, drinking, or smoking. Handle in accordance with safe industrial hygiene practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Description:	Liquid	**Colour:**	Clear, colourless
Odour:	Characteristic	**Odour Threshold:**	Not available
pH (20°C):	13 - 14 (neat)	**Solubility (water, 20°C):**	Soluble
Freezing/Melting point:	Not available	**Boiling Point:**	Not available

Flammability:	Non-flammable	**Flash Point:**	Not applicable
UEL/LEL:	Not applicable	**Vapour Pressure (20°C):**	Not available
Decomposition Temp:	Not available	**Autoignition Temp:**	Not applicable
Relative Density:	1.35 – 1.40 (water = 1)	**Vapour Density (20°C):**	> 1 (air = 1)
Partition Coefficient: n-octanol/water	Not available	**Viscosity (kinematic):**	Not available
Particle Characteristics:	Not applicable		

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Reactivity: None expected under normal conditions of use. Reacts exothermically with acids. Corrodes metal.

Conditions to Avoid: Elevated temperatures.

Incompatibility: Incompatible with strong acids and strong oxidisers. Incompatible with metals such as aluminium, tin, and zinc. Keep away from foodstuffs and animal feed.

Hazardous Decomposition: Thermal decomposition may result in corrosive/irritating fumes.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity: Acutely toxic via ingestion.
LD_{50} oral > 300 - ≤ 2,000 mg/kg.
LD_{50} dermal > 2,000 mg/kg
LC_{50} inhalation > 5 mg/L (mist)

Inhalation: Inhalation of mist/vapours/spray may irritate or burn mucous linings.

Ingestion: Harmful if swallowed. Ingestion may cause corrosive burns to mouth and throat.

Skin Corrosion/Irritation: Product is highly skin corrosive and will remove skin hairs, cause redness, and skin burns. Pain may be delayed.

Serious Eye Damage/Eye Irritation: Product is corrosive to the eyes and will cause redness, weeping, blurred vision, corneal burns, and blindness. Pain may be delayed.

Respiratory or Skin Sensitisation: No information available. Not expected to be a respiratory or skin sensitiser.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant No information available. Product is not expected to be mutagenic, carcinogenic or a reproductive toxicant.

Specific Target Organ Toxicity Single Exposure: No information available. Not expected to be a specific target organ toxicant by single exposure.

Specific Target Organ Toxicity Repeated Exposure: No information available. Not expected to be a specific target organ toxicant by repeated exposure.

Aspiration Hazard: No information available. Not expected to be an aspiration hazard.

Toxicity data is based on hazardous ingredient information and concentrations and information for those ingredients in the EPA Chemical Classification and Identification Database.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Product is not classified as toxic or harmful to the aquatic or terrestrial environments.

Persistence/degradability: Product is biodegradable.

Bioaccumulation: Product does not bioaccumulate.

Mobility in soil: No information available.

Other adverse effects: Undiluted product entering water ways may alter pH.

Ingredients with Ecotoxic classifications: There are no ingredients in the formulation with environmental hazards.

Ecotoxicity data is based on hazardous ingredient information and concentrations and information for those ingredients in the EPA Chemical Classification and Identification Database.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Recycle and reuse wherever possible. May be neutralised with weak acid such as citric or boric. Dispose of waste product via an approved waste disposal contractor.

Disposal of Packaging: Dispose of packaging via an approved waste disposal contractor. If packaging has not been rinsed out prior to disposal, then it may contain product residues and should be treated as hazardous.

Section 14: TRANSPORT INFORMATION

This product is classified as a Dangerous Good for transport in accordance with NZS5433:2020, IMDG or IATA.

Land Transport NZS5433:2020:

UN No: 3266

Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (contains sodium hydroxide and potassium hydroxide)

Class: 8

Packing Group: II

Environmental hazard: Not applicable
Limited Quantity: 1 L
Hazchem Code: 2X

Marine Transport IMDG:
UN No: 3266
Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (contains sodium hydroxide and potassium hydroxide)
Class: 8
Packing Group: II
Marine Pollutant: No
EmS: F-A, S-B
Limited Quantity: 1 L

Air Transport IATA:
UN No: 3266
Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (contains sodium hydroxide and potassium hydroxide)
Class: 8
Packing Group: II
Environmental hazard: Not applicable

Concentrated strong alkalis are incompatible with concentrated strong acids.

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard Allocation: Cleaning Products (Corrosive) Group Standard 2020

HSNO Approval Code: HSR002526

Classifications:
Acute toxicity, oral – Category 4
Corrosive to metals – Category 1
Skin corrosion – Category 1B
Serious eye damage – Category 1

NZ Inventory of Chemicals: All ingredients are listed in the NZ Inventory of Chemicals.

This substance triggers:

Compliance Certificate	250L
Certified Handler	N/A
Emergency Response Plan	1,000L
Secondary Containment	1,000L
Signage	250L

This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance. This substance is supplied as an industrial/professional cleaning product and is not intended for domestic use.

Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is approved under HSNO for use as a cleaning chemical. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 14 August 2026

Supercedes: 24 September 2025

Reason for Revision: Internal review.

References:

EPA NZ Chemical Classification and Information Database
EPA Guide: Guide to Classifying Hazardous Substances in New Zealand, Version 1
Original SDS: True Blue Australia, Bazooka Oven Cleaner SDS, January 2023

Summary of Abbreviations: EPA – Environmental Protection Authority
GHS – Global Harmonisation System
CAS – Chemical Abstracts Service

END OF SAFETY DATA SHEET