



SUPCOTM (Pty) Ltd
KING OF CLEANING
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PRIMARY APPLICATION

SUP50 Heavy Duty is an alkaline, solvent content water based degreaser, designed for all industries where heavy duty cleaning is required. The product is formulated to cut through heavy oil, grease and other carbonaceous deposits from concrete steel and other surfaces to allow quick efficient cleaning.

SUP50 is a Fully SABS Approved Food Grade SANS 1828:2017 Product manufactured under Ref. MRK9731/15401 Authority

SUP50 Heavy Duty has no flash point, gives off no objectionable odours and has excellent rinsing properties that minimize streaking and spotting.

APPLICATION PROCEDURE

SUP50 Heavy Duty is best applied by pressure spray. It's also used for foam cleaning through foamizer units as well as for steam, bucket and brush cleaning.

Heavy Duty Cleaning: Dilute SUP50 Heavy Duty 1 part concentrate to 10 parts water or 1 part concentrate to 1 part water for heavy contaminated surfaces.

Maintenance Cleaning: Dilute SUP50 Heavy Duty 1 part concentrate to 20 -100 parts water.

Pre-wet hot surfaces prior to application. Apply SUP50 Heavy Duty and allow maximum contact time. Apply through a foaming unit to maximize contact time on vertical surfaces. Follow with high-pressure rinse.

THE CONCENTRATE IS NOT SAFE ON PAINTED SURFACES.

Refer to MSDS for Safety and Handling precautions.

KEEP OUT OF REACH OF CHILDREN



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PRODUCT AND COMPANY INFORMATION

Product Name: SUP50 Heavy Duty
Product Description: Concentrated Alkaline degreaser

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COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Potassium Hydroxide, solvent and surfactant blend

Hazardous Components: No Hazardous Components

Revision of Hazardous components based on SABS 0265:1999

HAZARD IDENTIFICATION

Classification: This product is not classified as hazardous

Effects and symptoms: May be irritating to eyes
May be harmful if swallowed

CLASSIFICATION

FOOD GRADE: This is a food Grade product manufactured according to the SANS 1828 SABS standard
SABS: SUP50 is fully SABS Approved and is manufactured by Ref. MRK9731/15401 under the ISO 9001:2015 Standards

FIRST AID MEASURES

Never give fluids or induce vomiting if patient is unconscious or having convulsions

Inhalation: No effects.

Skin Contact: Wash affected area with plenty of water.

Eye Contact: Flush eyes with plenty of water for at least 20-30 minutes; keep the upper and lower eyelids open. Do not allow victim to rub or keep eyes closed.

Ingestion: Do not induce vomiting unless directed so by medical personnel. Do not give anything by mouth to an unconscious person.

FIRE FIGHTING MEASURES

Extinguishing media: Keep drums cool by spraying with water. Use CO2, dry chemicals, water spray or foam

Protective clothing: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear

ACCIDENTAL RELEASE MEASURES

Clean up methods: Absorb spillage onto sand, earth or any suitable absorbent material.
Do not allow entering into drains, sewers or watercourses.
Transfer to a container for disposal.
Wash the spillage area with water.

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body



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HANDLING AND STORAGE

Handling: Do not ingest
Storage: Keep out of direct sunlight. Store in cool conditions.

EXPOSURE CONTROL / PERSONAL PROTECTION

Good practice: No special precautions
Protective equipment: Always wear gloves and protective goggles when handling the concentrate.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid
Colour: Clear dark red
Odour: Solvent
PH: >13.0
Boiling point: > 100 °C
Melting point: No data
Flash point: No data
Flammability: No data
Auto flammability: No data
Oxidizing properties: No data
Solubility (water): Complete
Solubility (solvent): Insoluble
Specific Gravity: 1.2
**Fire Hazard in Presence
Of Various Substances:** No data

STABILITY AND REACTIVITY

Stability: Stable
Conditions to avoid: Safe to use at all temperatures
Incompatible materials: Oxidizing agents, Organic acids

TOXICOLOGICAL INFORMATION

Inhalation: No effects.
Skin Contact: May cause skin irritation if exposed for a long time.
Ingestion: Nausea, vomiting, intense thirst, and diarrhea may occur.
Eye Contact: May cause irritating effect, may cause eyes to burn.
Long term exposure: Not measured

ECOLOGICAL INFORMATION

**Environmental Fate
and Distribution:** The product is soluble in water. No ecological problems are expected when the product is handled and used with care.



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DISPOSAL CONSIDERATION

Methods of disposal: Disposal should be in accordance with local, provincial and national legislation

Disposal of packaging: Return to manufacturer or rinse and dispose at own risk

TRANSPORT INFORMATION

Classified as non hazardous product

Class: N/A

Packing group: N/A

Marine pollutant: No

Label: None

REGULATORY INFORMATION

EC Classification: None

Hazard Symbol: None

Risk Phrases: R 22 Harmful if ingested
R36/38 Irritating to skin and eyes

Safety Phrases: S 2 Keep out of reach of children
S 24/25 Avoid contact with skin and eyes
S 45 In case of an accident or if you feel unwell, seek medical advice immediately and show the label where possible

OTHER INFORMATION

This data sheet was prepared in accordance with Directive 93/112/EC

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If the product is used as a component in another product, this MSDS information may not be applicable.