



HEALTH AND HYGIENE Safety Data Sheet

Product: F919SC Biofilm Remover and Heavy Duty Degreaser

Revision Date: 7 December 2015

Revision Number: 002

Print date: 06 January 2016

NOTE: To further assist with the interpretation of the MSDS, explanatory notes have been added in italics

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: F919SC Biofilm remover and heavy duty degreaser

1.2. Relevant identified uses of the substance or mixture and uses advised against

F919SC Biofilm remover and heavy duty degreaser is used for the removal of heavy soiling and biofilm from hard surfaces and equipment

1.3. Details of the supplier of the safety data sheet

Company name: Health and Hygiene (Pty) Ltd

Full address: PO Box 906, Florida Hills 1716, South Africa.

Telephone number: +27 11 474-1668

E-mail address of competent person responsible for the SDS: info@healthandhygiene.co.za

1.4. Emergency telephone number

Emergency telephone number: +27 11 474-1668

Hours of operation: 8:00am to 4:30pm

Service is provided in the following language: English

SECTION 2: Hazards identification (refers to the F919SC Biofilm remover and heavy duty degreaser undiluted product)

2.1. Classification of the substance or mixture

2.1.1 According to CLP Regulation (EC 1272/2008)

Hazard class	Hazard category	Classification procedure
Skin corrosion and eye damage	1	CLP classification

Hazard statements

H314: Causes severe burns and eye damage



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2.2. Label elements

According to Regulation (EC) No 1272/2008



Signal Word: Danger

Hazard statements

H314: Causes severe burns and eye damage

Precautionary statements

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

2.3. Other hazards

F919SC Biofilm remover and heavy duty degreaser does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH (Regulation (EC) No 1907/2006).

SECTION 3: MIXTURES Composition/information on ingredients based on 100% pure material

3.1.

IUPAC name	EC number	CAS number	CLP Classification <i>based on 100% pure material</i>	Note: Typical % concentration In F10SC product
C10 Alcohol ethoxylate	500-446-0	68439-46-3	Acute Toxicity. 4; H302 Eye Damage. 1; H318 Aquatic Acute 3; H402	1-10%
Sodium Hydroxide	215-185-5	1310-73-2	Skin Corr. 1; H314	1-10%



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SECTION 4: First aid measures (*refers to the F919SC Biofilm remover and heavy duty degreaser undiluted product*)

4.1. Description of first aid measures

If in Eyes:

Remove contact lenses if any. Open the eyelids widely and flush eye(s) immediately by thoroughly rinsing with plenty of clean water or buffered eye wash for at least 20 minutes. Contact a specialist of occupational medicine or an eye specialist.

If on skin:

Remove contaminated clothing, footwear, watches, etc. and clean thoroughly before re-using them. Rinse the affected area with soap and water.

If swallowed:

Do not induce vomiting. If the person is conscious, wash out mouth with water and give plenty of milk or water to drink. Get immediate medical attention or contact the poison centre.

4.2. Most important symptoms and effects, both acute and delayed

Eyes: May be some pain and reddening of the eye, which will moderate after some time

Skin: Causes skin irritation. Prolonged and frequent contact may cause redness and irritation.

Ingestion: Ingestion of the concentrate may cause irritation to mouth, throat and digestive tract

4.3. Indication of any immediate medical attention and special treatment needed

Follow First Aid Procedures.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media is not required as F919SC Biofilm remover and heavy duty degreaser is not flammable.

5.2. Special hazards arising from the substance or mixture

F919SC Biofilm remover and heavy duty degreaser is non-combustible and non-explosive and will not facilitate or sustain the combustion of other materials.



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5.3. Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves and eye protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Wear protective equipment as described under Section 8 and follow the advice for safe handling and use given under Section 7.

6.1.2 For emergency responders

Emergency procedures are not required.

6.2. Environmental precautions

None

6.3. Methods and material for containment and cleaning up

Small spillages: Wash away with water. Large spillages: Soak up with an inert absorbent material, such as dry earth. Keep in suitable containers for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.1.1 Protective measures

Follow the recommendations as given under Section 8.

Measures to prevent fire

Not applicable.

Measures to prevent aerosol and dust generation

Not applicable.

Measure to protect the environment

Do not dispense into aquatic systems

7.1.2 Information on general occupational hygiene

Do not handle or store near smoking materials.

Use protective gloves to avoid skin contact.



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7.2. Conditions for safe storage, including any incompatibilities

F919SC Biofilm remover and heavy duty degreaser must be stored in cool dry conditions.

7.3. Specific end use(s)

No additional information for the specific end uses (see section 1.2).

SECTION 8: Exposure controls/personal protection *(refers to the F919SC Biofilm remover and heavy duty degreaser undiluted product)*

8.1. Occupational Exposure Limits:

No data available.

8.2. Engineering Control Measures

None required

8.3. Personal Protection

Respiratory – None required

Skin – Wear protective gloves

Eye – Wear required eye protection (safety glasses)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	clear, light honey coloured liquid.
Odour:	slight natural odour
pH:	13.5
Boiling point:	110°C
Flash point:	not flammable
Flammability:	not flammable
Explosive properties:	not explosive
Oxidising properties:	none
Vapour pressure:	not known
Density:	1.1
Solubility-water:	soluble



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9.2. Other information

Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity.

Non-reactive under normal conditions.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Not applicable.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicity	Packed Concentrate	Use Dilutions (1:100 and higher)
Acute Oral Toxicity	Based on available data, the classification criteria are not met.	Based on available data the classification criteria are not met.
Acute Dermal Toxicity	Not known	Not known
Acute Eye Irritation	Causes serious eye damage	None known
Acute Dermal Irritation	Causes burns	None known
Acute Inhalation Toxicity	Not applicable	Not applicable
Skin Sensitization	Not a classified as a skin sensitizer	Not a classified as a skin sensitizer
Carcinogenicity, mutagenicity And toxicity for reproduction	Based on data for the raw materials, no carcinogenic, mutagenic or toxicity for reproduction is predicted	



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SECTION 12: Ecological information

12.1. Eco toxicity Values:

Not known

12.2. Persistence and degradability

Not known

12.3. Bioaccumulative potential

No known adverse effects from normal use.

12.4. Mobility in soil

Not known

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT substance.

12.6. Other adverse effects

Not relevant.

SECTION 13: Disposal considerations

13.1. Disposal methods

Dispose of in accordance with local regulations.

SECTION 14: Transport information

This product does not require a transport classification.

SECTION 15: Regulatory information

15.1. Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.



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SECTION 16: Other information

SDS Created: June 2015. Prepared according to According to CLP Regulation (EC 1272/2008)

16.1 Abbreviations and acronyms

CAS	Chemical Abstracts Service
CLP	Classification, labelling and packaging (Regulation (EC) No 1272/2008)
PBT	Persistent, bio-accumulative and toxic
REACH	Registration, Evaluation and Authorisation of Chemicals
SDS	Safety Data Sheet
vPvB	Very persistent, very bio-accumulative
w/w	Weight by weight

16.2 Additional Information

Full text of H-Statements referenced in Section 2 and 3

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H402	Harmful to aquatic life

16.3 Training advice

Companies utilising this product must ensure that the relevant personnel read, understand and apply the requirements of this data sheet.

16.4 Disclaimer

The information on this data sheet is based on the current available knowledge and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging.