



LOW FOAM AUTO SCRUB

PRODUCT LABEL AND DATA SHEET

PRODUCT CODE: FCASLF



Autoscrub is a low foam detergent for autoscrubbers that contains surfactants & alkali builders .



- Quick Acting
- Easy Free Rinsing
- Areas of use - Floors.

Colour: Clear
Appearance: Liquid
pH: 12.00 -12.50

Density: 1.00 Kg/Lt
Packaging: 1Lt, 5Lt; 25Lt
Smell: Glycol



METHOD OF APPLICATION

AUTOSCRUB is suitable for application by Single Disc Floor Scrubbers, Mops, Steam Cleaning Machines & Pressure Washers.

DILUTION RATIO

Light Duty Cleaning – 1:50 with water
Medium Duty Cleaning – 1:20 with water
Heavy Duty Cleaning – 1:10 with water



IF INGESTED, SEEK MEDICAL ATTENTION

Eyes: Rinse with water. Seek medical care.
Ingestion: Drink water. Seek medical care.
Skin: Wash contact area with soap and water.
Inhalation: Remove patient to fresh air.

IMPORTANT: Always keep product out of children's reach. Ensure that the product lid remains closed and tightened at all times. Keep away from extreme heat and naked flame.

WE DO NOT ACCEPT LIABILITY FOR CLAIMS OF ANY KIND FOR ANY LOSS INCLUDING, WITHOUT LIMITATION, CONSEQUENTIAL LOSS, INJURY OR DAMAGE ARISING FROM THE USE OF THE PRODUCTS WHICH ARE THE SUBJECT MATTER HEREOF.

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SAFETY DATA SHEET

1. Identification of the substance/preparation

Product name : **Autoscrub Low Foam**
Product code : FCASLF

2. Composition/information on ingredients

Chemical characterization : Aqueous mixture

Ingredient name	CAS number	%	EC number	Classification
nonylphenol	25154-52-3	<5	246-672-0	Xn; R22 C; R34 N; R50/53
sodium phosphate, tribasic	7601-54-9	<5	231-509-8	Xi; R36

See section 16 for the full text of the R-phrases declared above

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : N; R51/53

Physical/chemical hazards : No known significant effects or critical hazards.

Human health hazards : No known significant effects or critical hazards.

Environmental hazards : Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Additional hazards : None identified.

See section 11 for more detailed information on health effects and symptoms.

4. First aid measures

Inhalation : Get medical attention if symptoms appear.

Ingestion : Get medical attention if symptoms occur.

Skin contact : Get medical attention if irritation develops.

Eye contact : Get medical attention if irritation develops.

Notes to physician : No specific treatment, treat symptomatically.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
Not suitable : None known.

Special exposure hazards

- : No specific hazard.
This material is toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Special protective equipment for fire-fighters

- : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Remark

- : None identified.

6. Accidental release measures

Personal precautions

- : No special measures required.

Environmental precautions

- : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up

- : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7. Handling and storage

Handling

- : Avoid contact of spilled material and runoff with soil and surface waterways.

Storage

- : Keep container tightly closed. Keep container in a cool, well-ventilated area.

Packaging materials

Recommended

- : Use original container.

8. Exposure controls/personal protection

Ingredient name

sodium phosphate, tribasic

Occupational exposure limits

AIHA WEEL (United States, 1/2004).

STEL: 5 mg/m³ 15 minute/minutes. Form: All forms

Occupational exposure controls

- : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

Respiratory protection

- : A respirator is not needed under normal and intended conditions of product use.

Hand protection

- : No special protective clothing is required.

Eye protection

- : No special protective clothing is required.

Skin protection

- : No special protective clothing is required.

9. Physical and chemical properties

General information

Appearance

Physical state

- : Liquid.

Color

- : CLEAR

Odor

- : Glycol.

Important health, safety and environmental information

pH

- : 12 TO 12.5 [Basic.]

Boiling point

- : The lowest known value is 292.9 to 296.9°C (559.2 to 566.4°F)

Vapor pressure

- : The highest known value is 3e-006 kPa (2e-005 mm Hg) (at 20°C).

Relative density

- : 1 g/cm³

Solubility

- : Easily soluble in cold water, hot water

Octanol/water partition coefficient

- : The product is more soluble in water.

Vapor density

- : The highest known value is 7.59 (Air = 1).

Evaporation rate (butyl acetate = 1)

- : <0.005 (Alkylphenol polyethoxylate) compared with Butyl acetate.

10. Stability and reactivity

Stability	: The product is stable.
Conditions to avoid	: None identified.
Materials to avoid	: None identified.
Hazardous decomposition products	: No specific data.

11. Toxicological information

Potential acute health effects

Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Eye contact	: No known significant effects or critical hazards.

Acute toxicity

Product/ingredient name	Test	Result	Route	Species
nonylphenol	LD50	580 mg/kg	Oral	Rat
	LD50	1231 mg/kg	Oral	Mouse
sodium phosphate, tribasic	LD50	7400 mg/kg	Oral	Rat

Potential chronic health effects

Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation	: No specific data.
Ingestion	: No specific data.
Skin	: No specific data.
Target organs	: Contains material which causes damage to the following organs: skin, eye, lens or cornea

12. Ecological information

Ecotoxicity data

Ingredient name	Species	Period	Result
nonylphenol	Daphnia magna (EC50)	48 hour/hours	0.0848 mg/l
	Daphnia magna (EC50)	48 hour/hours	0.19 mg/l
	Pimephales promelas (LC50)	96 hour/hours	0.128 mg/l
	Pimephales promelas (LC50)	96 hour/hours	0.135 mg/l
	Lepomis macrochirus (LC50)	96 hour/hours	0.209 mg/l
	Oncorhynchus mykiss (LC50)	96 hour/hours	0.221 mg/l

Other ecological information

Persistence/degradability			
Ingredient name	Aquatic half-life	Photolysis	Biodegradability
nonylphenol	> 100 day/days	< 28 day/days.	Inherent
Bioaccumulative potential			
Ingredient name	LogP _{ow}	BCF	Potential
nonylphenol	-	10 to 7700	high

Other adverse effects : Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

Methods of disposal : Hazardous chemical waste.
Waste must be disposed to a landfill permitted in terms of the Department of Water Affairs and Forestry's minimum requirements for waste disposal to landfill, and the minimum requirements for the handling, classification and disposal of hazardous waste.

14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
ADR / SANS 10228 Class	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	III		Hazard identification number 90 Limited quantity LQ7 CEPIC Tremcard 90GM6-III
IMDG Class	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	III		Emergency schedules (EmS) F-A, S-F
IATA Class	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	III		Quantity limitation - Passenger aircraft - Limited quantity 30 kg

15. Regulatory information

SANS 10265 / EU Regulations

Hazard symbol/symbols :

Risk phrases : R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases : S29- Do not empty into drains.
S61- Avoid release to the environment. Refer to special instructions/Safety data sheets.

Product use : Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use.
- Consumer applications.

16. Other information

Full text of R-phrases referred to in sections 2 and 3 - Europe : R22- Harmful if swallowed.
R34- Causes burns.
R36- Irritating to eyes.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Prepared by : Not available.

Notice to reader

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