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## **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name **FULAFOAM CLEANER** 

Product code 100000013388

Manufacturer or supplier's details

Company : H.B. Fuller Company Australia Pty. Ltd.

Address : 16-22 Red Gum Drive Dandenong South, VIC 3175

Telephone : +611800423855

Emergency telephone number : 1800 033 111(AU) 0800 734 607(NZ)

Recommended use of the chemical and restrictions on use

Recommended use : Solvent based adhesive

Restrictions on use For industrial use only.

## **SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification** 

Flammable liquids Category 1

Serious eye damage/eye irri-

tation

Category 2A

single exposure

Specific target organ toxicity - : Category 3 (Central nervous system)

**GHS** label elements

Hazard pictograms





Signal word Danger

H224 Extremely flammable liquid and vapour. Hazard statements



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H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

## Precautionary statements

## Prevention:

P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

## Response:

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

shower.
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a

POISON CENTER or doctor/ physician if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

# Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

## Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

#### Other hazards which do not result in classification

None known.

## **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture



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# Components

Chemical name	CAS-No.	Concentration (% w/w)
acetone	67-64-1	>= 60 -<= 100
dimethyl ether (Vapour and gas)	115-10-6	>= 30 -< 60

## **SECTION 4. FIRST AID MEASURES**

General advice : Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.

If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and water.

Get medical attention if irritation develops and persists.

In case of eye contact : Flush eyes with water at least 15 minutes. Get medical atten-

tion if eye irritation develops or persists.

If swallowed : Do NOT induce vomiting.

If victim is fully conscious, give a cupful of water.

Never give anything by mouth to an unconscious person.

Obtain medical attention.

Most important symptoms and effects, both acute and

delayed

None known.

#### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or car-

bon dioxide.

Specific hazards during fire- :

fighting

Cool closed containers exposed to fire with water spray.

Special protective equipment:

for firefighters

In the event of fire, wear self-contained breathing apparatus.

Use personal protective equipment.

Hazchem Code : 2YE

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protec: :

Remove all sources of ignition.

tive equipment and emer-

Beware of vapours accumulating to form explosive concentra-



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gency procedures tions. Vapours can accumulate in low areas.

Refer to protective measures listed in sections 7 and 8.

Prevent spreading over a wide area (e.g. by containment or oil **Environmental precautions** 

barriers).

Methods and materials for containment and cleaning up

Soak up with inert absorbent material.

Sweep up and shovel into suitable containers for disposal.

Non-sparking tools should be used.

## **SECTION 7. HANDLING AND STORAGE**

Local/Total ventilation Use only with adequate ventilation.

Advice on protection against

fire and explosion

Keep away from open flames, hot surfaces and sources of

ignition.

Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.

Keep in a bunded area.

Keep away from sources of ignition - No smoking.

Take measures to prevent the build up of electrostatic charge.

Use explosion-proof equipment.

Use only in area provided with appropriate exhaust ventilation.

Vapours may form explosive mixtures with air.

Advice on safe handling Avoid inhalation of vapour or mist.

> Do not use in areas without adequate ventilation. Keep away from fire, sparks and heated surfaces.

Keep container closed when not in use.

Take precautionary measures against static discharges.

Hygiene measures Avoid contact with skin, eyes and clothing.

Provide adequate ventilation.

Conditions for safe storage Take measures to prevent the build up of electrostatic charge.

Use explosion-proof equipment.

Keep containers tightly closed in a dry, cool and well-

ventilated place.

Keep away from sources of ignition - No smoking.

Solvent vapours are heavier than air and may spread along

floors.

Materials to avoid Strong oxidizing agents

Further information on stor-

age stability

Stable under normal conditions.



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## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

# Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis	
acetone	67-64-1	TWA	500 ppm 1,185 mg/m3	AU OEL	
		STEL	1,000 ppm 2,375 mg/m3	AU OEL	
		TWA	250 ppm	ACGIH	
		STEL	500 ppm	ACGIH	
dimethyl ether (Vapour and gas)	115-10-6	TWA	400 ppm 760 mg/m3	AU OEL	
		STEL	500 ppm 950 mg/m3	AU OEL	

## **Biological occupational exposure limits**

Components	CAS-No.	Control parameters	Biological specimen	Sam- pling time	Permissible concentration	Basis
acetone	67-64-1	Acetone	Urine	End of shift (As soon as possible after exposure ceases)	25 mg/l	ACGIH BEI

**Engineering measures** : Use local exhaust ventilation or other engineering controls to

minimize exposures.

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust

ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Organic vapour type

Hand protection

Material : Solvent-resistant gloves

Eye protection : Safety glasses with side-shields

# **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**



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Appearance : aerosol

Odour Threshold : No data available

Melting point/freezing point : is not determined

Boiling point/boiling range : -25 °C

is not determined

Flash point : -41 °C

Evaporation rate : is not determined

Upper explosion limit / Upper

flammability limit

Upper flammability limit

is not determined

Lower explosion limit / Lower

flammability limit

Lower flammability limit

is not determined

Density : 736 kg/m3

Solubility(ies)

Water solubility : is not determined

Partition coefficient: n-

octanol/water

: No data available

Auto-ignition temperature : is not determined

Viscosity

Viscosity, dynamic : is not determined

Viscosity, kinematic : is not determined

# **SECTION 10. STABILITY AND REACTIVITY**

Chemical stability : The product is chemically stable.

Possibility of hazardous reac-

tions

Hazardous polymerisation does not occur.

Conditions to avoid : Heat, flames and sparks.



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Hazardous decomposition

products

: Stable under normal conditions.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

Skin corrosion/irritation

**Product:** 

Remarks : No data available

Serious eye damage/eye irritation

**Product:** 

Remarks : No data available

**Chronic toxicity** 

Germ cell mutagenicity

**Product:** 

Genotoxicity in vitro : Remarks: No data available

Carcinogenicity

Product:

Remarks : No data available

STOT - single exposure

**Product:** 

Remarks : No data available

STOT - repeated exposure

Product:

Remarks : No data available

# **SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity** 

No data available



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# Persistence and degradability

No data available

## **Bioaccumulative potential**

No data available

# Mobility in soil

No data available

## Other adverse effects

No data available

## **SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods** 

Waste from residues : Dispose of as hazardous waste in compliance with local and

national regulations.

The hazard and precautionary statements displayed on the

label also apply to any residues left in the container.

## **SECTION 14. TRANSPORT INFORMATION**

# **International Regulations**

**UNRTDG** 

UN number : UN 1950 Proper shipping name : AEROSOLS

Class : 2.1

Packing group : Not assigned by regulation

Labels : 2.1

IATA-DGR

Not permitted for transport

IMDG-Code

UN number : UN 1950 Proper shipping name : AEROSOLS

Class : 2.1

Packing group : Not assigned by regulation

Labels : 2.1 EmS Code : F-D, S-U Marine pollutant : no

# Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

# **National Regulations**

## ADG



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UN number : UN 1950 Proper shipping name : AEROSOLS

Class : 2.1

Packing group : Not assigned by regulation

Labels : 2.1 Hazchem Code : 2YE

## Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### **SECTION 15. REGULATORY INFORMATION**

# Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform : Schedule 5

Scheduling of Medicines and

Poisons

Prohibition/Licensing Requirements : There is no applicable prohibition,

authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regula-

tions.

# The components of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory

DSL : All components of this product are on the Canadian DSL

REACH : Not in compliance with the inventory

AICS : On the inventory, or in compliance with the inventory

NZIoC : Not in compliance with the inventory

ENCS : On the inventory, or in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory



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PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

TCSI : On the inventory, or in compliance with the inventory

#### **SECTION 16. OTHER INFORMATION**

**Further information** 

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Contact Point : Prepared by: Global Regulatory Department - phone: 1-651-

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Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI : ACGIH - Biological Exposure Indices (BEI)

AU OEL : Australia. Workplace Exposure Standards for Airborne Con-

taminants.

ACGIH / TWA : 8-hour, time-weighted average ACGIH / STEL : Short-term exposure limit

AU OEL / TWA : Exposure standard - time weighted average AU OEL / STEL : Exposure standard - short term exposure limit

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New



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Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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