

DATA SHEET 3

MATERIAL SAFETY DATA SHEETS

FELLOWES CLEANING FLUID

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION.

Brand Name: Fellowes Cleaning Fluid

SUPPLIER IDENTIFICATION.

Company Name: Fellowes
Address: Doncaster Road
Kirk Sandall
Doncaster
South Yorkshire
DN3 1HT
ENGLAND

Emergency Telephone Number: +44 (0)1302-890099

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH RISK (class) (R No.)
Propan-2-ol	67-63-0	96%	
COMPOSITION COMMENTS:		The balance of the ingredients made up of low hazard chemicals.	

3. HAZARDS IDENTIFICATION.

Highly flammable. Not regarded as a health hazard under current legislation.

4. FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: Never make an unconscious person vomit or drink fluids. Do not induce vomiting. Get medical attention immediately.

SKIN:	Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.
EYES:	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA:	Alcohol resistant foam, carbon dioxide (CO ₂), dry chemicals, sand, dolomite etc.
SPECIAL FIRE FIGHTING PROCEDURES:	Addition of excess water will extract propan-2-ol and any form of flammable supernatant layer. Keep run-off water out of sewers and water sources. Dyke for water control. Cool containers exposed to flames with water from the side until well after the fire is out. Move container from fire area if it can be done without risk. Use water spray to reduce vapours. If risk of water pollution occurs, notify appropriate authorities.
UNUSUAL FIRE & EXPLOSION HAZARDS:	May form explosive or toxic mixtures with air. May travel considerable distance to source of ignition and flash back. Vapours may ignite.
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic gases/vapours/fumes of carbon monoxide (CO).

6. ACCIDENTAL RELEASE MEASURES.

SPILL CLEAN UP METHODS:	Absorb small quantities with paper towels and evaporate in safe place (fume hood). Allow sufficient time for vapours to completely clear the hood ducts, then burn the paper in a location away from combustible materials. Let evaporate. Keep out of confined spaces because of explosion risk. Clean-up personnel should use respiratory and/or liquid contact protection. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.
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7. HANDLING AND STORAGE.

USAGE PRECAUTIONS:	Read and follow manufacturer's recommendations.
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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

INGREDIENT NAME:	CAS No.	STD	LT EXP (8 hrs)	ST EXP (15 min)
Propan-2-ol	67-63-0	OES.	400.00ppm	500.00ppm
INGREDIENT COMMENTS:	The balance of the ingredients is made up of low hazard chemicals.			

VENTILATION:	Well ventilated area.
PROTECTIVE GLOVES:	Use suitable protective gloves if risk of prolonged or repeated skin contact. Not a corrosive or irritant after single contact.
EYE PROTECTION:	Wear approved chemical safety goggles where eye exposure is reasonably probable.
OTHER PROTECTION:	Provide eyewash, quick drench.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.
COLOUR:	Colourless.
ODOUR/TASTE:	Alcohol.
VISCOSITY:	Not Applicable.
FLASH POINT (°C):	~15
FLASH POINT METHOD:	Sh CC (Setaflash closed cup).

10. STABILITY AND REACTIVITY.

MATERIALS TO AVOID:	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic gases/vapours/fumes of carbon monoxide (CO).

11. TOXICOLOGICAL INFORMATION.

HEALTH WARNINGS:	Gas or vapour is harmful on prolonged exposure or in high concentration. This chemical may cause skin/eye irritation and burns (corrosive). Irritant of eyes and mucous membranes. Narcotic effect. CNS depressant. Repeated exposure may cause chronic eye irritation, mild dermatitis, allergic skin rash.
MEDICAL SYMPTOMS:	Extreme irritation of eyes and mucous membranes, including burning and tearing. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. Severe skin irritation. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Dizziness.

12. ECOLOGICAL INFORMATION.

LC50 96HRS FISH (mg/Kg):	Not Known.
EC50 48HRS DAPHNIA (mg/l):	Not Known.
IC50 72HRS ALGAE (mg/l):	Not Known.

13. DISPOSAL CONSIDERATIONS.

DISPOSAL METHODS.

Incinerate in suitable combustion chamber. Absorb in vermiculite or dry sand, dispose in licensed special waste. Collect on absorbent material, place in cardboard kegs and incinerate. Confirm disposal procedures with environmental engineer and local regulations.

14. TRANSPORT INFORMATION.

LABEL FOR CONVEYANCE:

Flammable liquid 3 hazard label.

ROAD.

UN No.:

1993

HAZARD CLASS (ADR):

Class 3: Flammable liquids. In limited quantities.

ADR CLASS No.:

3.2

RAIL.

SEA.

SEA TRANSPORT CLASS No.:

3.2

SEA PACK GR:

II

AIR.

AIR PACK GR:

II

15. REGULATORY INFORMATION.

LABEL FOR SUPPLY:

Highly Flammable symbol.

RISK PHRASES:

R-11 Highly flammable.

SAFETY PHRASES:

S-2 Keep out of reach of children.
S-7 Keep container tightly closed.
S-16 Keep away from sources of ignition - No Smoking.
N.B. Small pack exemptions may apply to retail pack labelling if less than 125ml.

UK REGULATORY REFERENCES:

Classification, Packaging and Labelling Regulations 1984.
Health and Safety at Work Act 1974.
The Control of Substances Hazardous to Health Regulations 1988.

EC DIRECTIVES:

Dangerous Preparations Directive 88/379.

STATUTORY INSTRUMENTS:

The Chemicals (Hazard Information and Packaging Regulations) 1993.
The Consumer Protection Act 1987.
The Classification, Packaging & Labelling of Dangerous

Substances Regulations 1984 (SI 1244).
Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE: The Control of Substances Hazardous to Health.

GUIDANCE NOTES: Occupational Exposure Limits EH40.

16. OTHER INFORMATION.

INFORMATION SOURCES:

Dangerous Properties of Industrial Chemicals,
6.edition, N.Sax, 1984
OSHA Air Contaminants - Permissible Exposure
Limits (Title 29).
Hazardous Materials, Emergency Response Guidebook,
DOT-P 5800.3, 1984.
NIOSH/OSHA Pocket Guide to Chemical Hazards
1978.
Chemical Hazards of the Workplace, Proctor & Hughes
Lippincott, 1978.
Threshold Limit Values and Biological Exposure
Indices for 1985-86.
Chemical Safety Data Guide, Bureau of National
Affairs, 1985.

SCIENTIFIC ANALYSIS:

CPA Test Certificate Nos. 94.0225083.P5152
94.0225090.P515

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