

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**1.1 PRODUCT : FC50 Film Cleaner**

Contains ISOPROPYL ALCOHOL -99% aka ISOPROPANOL, 2-PROPANOL

CAS NO – 67-63-0

EC NO – 200-661-7

INDEX NO -

REGISTRATION NO. –

1.2 Recommended use and restrictions on use.

General purpose solvent, degreaser.

1.3 COMPANY Fotospeed, Lower Beaversbrook, Industrial Estate, Redman Road, Calne, SN11 9PL
TEL 01249 714555 Email - sales@fotospeed.com

1.4 EMERGENCY TEL. NUMBERS OUT OF HOURS : 01249 714555

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF SUBSTANCE

FLAMMABLE LIQUID 2

EYE IRRITANT 2

STOT Single 3



GHS FLAMMABLE



GHS EXCLAMATION MARK

SIGNAL WORD - DANGER

2.2 LABEL ELEMENTS

The substance is classified and labelled according to the CLP regulations.

HAZARD PICTOGRAMS GHS05 , GHS07

SIGNAL WORD - DANGER

HAZARD STATEMENTS

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS

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

P260e Do not breathe vapours.

P280a Wear protective gloves.

P305+P351+P338 If in eyes ; Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

P370 In case of fire ; Use alcohol resistant foam or dry powder for extinction.

P501d Empty containers may contain residual product and vapours.

Do not cut or weld on near empty containers.

Disposal should only be by means of a licensed waste disposal contractor.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS.

P264a Wash skin thoroughly after handling.

P303 + 361 + 353 If on skin (or hair) : Remove / take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + 340 If inhaled : remove victim to fresh air and keep at rest in a position comfortable for breathing.

P403 + 233 + 235 Store in a well ventilated place, in original container. Keep container tightly closed. Keep cool.

2.3 OTHER HAZARDS

Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS - all % are w/w

ISOPROPYL ALCOHOL -99% aka ISOPROPANOL

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FLAMMABLE LIQUID 2 EYE IRRITANT 2 STOT Single 3

4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL INFORMATION : Remove person from source of exposure. Provide fresh air. Remove any clothing soiled by the substance. Seek medical assistance if symptoms persist or person's condition does not improve.

INHALATION : Remove person from exposure. In case of unconsciousness place patient stably in side position for transportation. Get medical attention of condition does not improve within 3 minutes.

SKIN CONTACT : Remove any clothing soiled by the substance. Immediately wash with water and soap and rinse thoroughly, especially in skin folds – i.e groin.

EYE CONTACT : Rinse opened eye for up to 15 minutes under running water. Check for contact lenses and remove before cleaning. Then consult a doctor.

SWALLOWING : Do not induce vomiting. Drink up to half a litre of water and provide fresh air. Call for doctor immediately.

INFORMATION FOR DOCTOR:

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Skin contact – irritation and redness

Eye contact - irritation and redness, profuse eye watering and pain.

Ingestion – Nausea and stomach pain

Inhalation – Dizziness and drowsiness, and possibly unconsciousness; irritation of mucous membranes (nose, throat, lungs); possible tightness of chest.

4.3 INDICATIONS OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

If person is in extreme distress call for immediate medical attention.

5. FIRE FIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEDIA - dry powder, water spray, foam , CO₂, Do not use high pressure water jet – this may spread the fire. Fight larger fires with water spray or alcohol resistant foam.

5.2 SPECIAL HAZARDS ARISING: This product is flammable. Fire will cause production of flammable vapours which may result in explosive combustion. If involved in a fire it might emit toxic fumes – carbon oxides, nitrogen oxides.

5.3 ADVICE FOR FIREFIGHTERS / PROTECTIVE EQUIPMENT Use self contained breathing apparatus when fighting fire containing this substance.

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONNEL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Ventilate thoroughly to disperse residual vapour. Wear protective equipment – mask, goggles, gloves, boots and chemical resistant suit. Keep unprotected people away.

6.2 ENVIRONMENTAL PRECAUTIONS

All uncontrolled spillages must IMMEDIATELY be alerted to the Environment Agency, or Emergency services. Do not allow to enter drains, surface water, ground water or watercourses. Cover all drains and sewers. Contain spillages with bunding and/or absorbent material.

6.3 METHODS AND MATERIALS OF CONTAINMENT AND CLEANING UP

Contain the spillage with bunding. Do not allow to enter drains, surface water, ground water or watercourses.

Absorb with liquid binding material (sand, sawdust, absorbent granules, binders).

Dispose of contaminated material in accordance with section 13.

6.4 REFERENCE TO OTHER SECTIONS

Section 7 – information on safe handling.

Section 8 – information on personnel protective equipment.

Section 13 – information on disposal.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SALE HANDLING - Keep out of reach of children. Wear suitable protective clothing, Avoid inhaling vapour. Use only in a well ventilated area. Avoid direct contact with this substance. Keep away from sources of ignition – NO SMOKING.

FIRE SAFETY INFORMATION – See section 5.

7.2 SAFE STORAGE INFORMATION – STORAGE – store in containers supplied in cool dry well ventilated storeroom. Keep segregated from incompatibles.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

INGREDIENTS WITH LIMIT VALUES THAT REQUIRE MONITORING IN THE WORKPLACE

PROPAN – 2 OL – TWA 8 HR – 400 ppm (999 mg/m³) STEL – 15 MINS – 500 ppm (1250 mg/m³)

8.2 EXPOSURE CONTROLS

WORKPLACE CONTROLS – Provide eyewash station. Provide adequate ventilation. Ensure occupational exposure limits are not exceeded.

PERSONAL PROTECTIVE EQUIPMENT : Gloves, boots. Avoid contact with eyes and skin.

GENERAL PROTECTIVE AND HYGIENE MEASURES : Keep away from food and beverages. Wash hands before meal breaks, and at end of working shift.

RESPIRATORY PROTECTION : Avoid breathing strong vapours or spray. Ensure good ventilation. Wear mask if spray is present.

PROTECTION OF HANDS : WEAR GLOVES

PROTECTION OF EYES ; WEAR GOGGLES / MASK. Contact lenses should not be worn when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 GENERAL INFORMATION

Appearance - Colourless mobile liquid.

Odour - Strong - alcoholic

Spec. Gravity - 0.785 @ 20°C

pH neat - n/a.

pH 1% solution - n/a.

Flashpoint - 12 °C closed cup method.

Melting point	- -90 °C
Vapour pressure	- 43.3 hpa 20°C
Decomposition temp	- n/a
Auto ignition temp	- 399°C
Flammability limit	- 2% lower ; 12% upper.
Solubility	- readily soluble in water.
Viscosity	- dynamic – 3 m.Pa.s @ 20°C

9.2 OTHER INFORMATION

Not applicable

10. STABILITY AND REACTIVITY

- 10.1 REACTIVITY - not applicable.
- 10.2 CHEMICAL STABILITY – not applicable.
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS – not applicable
- 10.4 CONDITIONS TO AVOID – heat.
- 10.5 INCOMPATIBLE SUBSTANCES – strong oxidising agents, acids.
- 10.6 Hazardous decomposition products – emits toxic fumes when it burns.

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON ROUTES OF EXPOSURE

Avoid inhalation of vapour. Avoid contact with skin and eyes. .

11.2 SYMPTOMS RELATED TO PHYSICAL, CHEMICAL, TOXICOLOGICAL CHARACTERISTICS :

INHALATION – vapours are narcotic and can cause dizziness, headache, fatigue, nausea

SKIN – can cause irritation, redness,

EYES – severe irritation and pain.

SWALLOWING – EFFECT ON DIGESTIVE TRACT – irritation of mouth, and digestive tract – can cause upset stomach.

SENSITIZATION EFFEC TS – not applicable.

11.3 IMMEDIATE EFFECTS : dizziness.

DELAYED EFFECTS – headache, nausea, fatigue, feeling unwell, irritation of skin, lungs.

CHRONIC EFFECTS - n/a.

11.4 DATA ON TOXICITY

ORAL LD50 rat – 4700 - 5800 mg/kg – rat

DERMAL LD50 rat – 13000 mg/kg – rabbit

INHALATION LD50 rat – 19000 mg/kg – rat

Relevant Hazards – no additional factors

Acute toxicity – no additional factors

12. ECOLOGICAL INFORMATION

12.1 ECOTOXICITY - AQUATIC

LC50 (96 HR) – 9640 – 10400 mg/l – FISH

LC50 (48 HR) – 7550 - 13299 mg/l – DAPHNIA

IC 50 (72 HR) - >1000 mg/l - ALGAE

12.2 PERSISTENCE AND DEGRADABILITY – this product is readily biodegradable as laid down in regulations.

12.3 BIOACCUMULATIVE POTENTIAL – will not bio-accumulate.

12.4 MOBILITY IN SOIL – substance is soluble in water.

12.5 OTHER ADVERSE EFFECTS –Do not allow into watercourses, foul water systems, or surface water drainage.

13. DISPOSAL CONSIDERATIONS

13.1 THIS PRODUCT AND ITS CONTAINERS BOTH FULL AND EMPTY ARE HIGHLY FLAMMABLE. DO NOT DISPOSE OF WITH HOUSEHOLD WASTE OR LANDFILL. DISPOSE OF AS INDUSTRIAL WASTE. DO NOT DISPOSE OF INTO FOUL WATER DRAINS. Contain in absorbent material. This should then be treated by an expert disposal company. Consult local authority regulations or waste disposal experts if in doubt prior to disposal.
UNCLEANED CONTAINERS – only dispose of after obtaining consent from disposal expert.

14. TRANSPORT INFORMATION



. FLAMMABLE LIQUIDS – CLASS 3

PROPER SHIPPING NAME – ISOPROPANOL (ISOPROPYL ALCOHOL)

UN NO 1219 PACKING GROUP II

TUNNEL RESTRICTION CODE D/E

HAZARD NO. 33 HAZCHEM CODE UK - *2YE

CEFIC TEC(R) NO. 30GF1-I+II

RID CLASS NO 3

IMDG CLASS NO 3

IMDG PAGE NO 3 IMDG PACK GROUP II

EMS F-E , S-D

MARINE POLLUTANT – NO

AIR CLASS 3 AIR PACK GROUP II

15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE –
Regulation EC no 1272/2008 : CLP

Chemicals (Hazard information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4)

Control of substances hazardous to health – CoSHH

Carriage of dangerous goods and use of transportable pressure equipment regulations 2007 (CDG 2009)

Workplace exposure limits – EH40.

15.2 CHEMICAL SAFETY ASSESSMENT

COSHH assessment should be done specific to site.

16. OTHER INFORMATION

This information is based on current knowledge and is provided in good faith and to the best of our knowledge and experience. This document shall not constitute a guarantee for any recommendations or advice contained in this document, and shall not establish a legally binding or valid contractual relationship. It is the duty of the consignee to comply with all regulations and laws, and they should make their own determination of what is correct as it applies to the sites on which it is stored and used.

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Approved by - D. L. FAIRWEATHER.