

# **SAFETY DATA SHEET**

## **Solvent Cleaner**

<p>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING.</p>
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PRODUCT NAME: Solvent Cleaner

SUPPLIER: Aerosol and Fluid Technology Limited  
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ST4 2NL

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## 2. HAZARDS IDENTIFICATION

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes. Vapours are heavier than air and can travel long distances to a source of ignition. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material – **NO SMOKING**.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS.

NAME	EC NO.	CAS-NO.	CONTENT	CLASSIFICATION
Acetone	200-662-2	67-64-1	30-60%	F; R11. Xi;R36, R66, R67
Butanone	201-159-0	78-93-3	30-60%	F;R11;Xi;R36 R66 R67
Butane	203-448-7	106-97-8	10-25%	FX; R12

THE FULL TEXT FOR ALL R-PHRASES ARE DISPLAYED IN SECTION 16.

## 4. FIRST-AID MEASURES.

### INHALATION

Remove the exposed person immediately from source of contamination. Move to fresh air at once. If unconscious, place in the recovery position. Get medical attention.

### INGESTION

DO NOT induce vomiting. Rinse mouth and get medical attention immediately.

### SKIN CONTACT

Promptly flush contaminated skin with water and remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

### EYE CONTACT

Contact lenses should be removed. Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and seek medical attention.

## 5. FIRE-FIGHTING MEASURES.

### EXTINGUISHING MEDIA

Fire can be extinguished using: Foam or Powder.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

### SPECIFIC HAZARDS

Toxic gases/vapours/fumes of : Carbon Dioxide (CO<sub>2</sub>), Carbon Monoxide (CO).

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Avoid skin and eye contact. Avoid breathing vapour. Ensure adequate ventilation. Wear personal protective equipment.

### SPILL CLEAN UP METHODS

Extinguish all sources of ignition. Avoid sparks, flames, heat and smoking. Provide ventilation and confine spill. Do not allow run off to sewer. Absorb in vermiculite, dry sand or earth and place into containers.

## 7. HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling and skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination exceeds the accepted level.

### STORAGE PRECAUTIONS

Store in a dry, well ventilated area between 5-25°C. Keep away from heat, ignition, direct sunlight, oxidisers and strongly alkaline or acidic materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
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NAME	STD	LT – ppm	ST – ppm
Acetone	WEL	550ppm	1500ppm
Butanone	WEL	200ppm (Sk)	300ppm (Sk)
Butane	WEL	60ppm	750ppm

WEL = Workplace Exposure Limit

PROTECTIVE EQUIPMENT:



ENGINEERING MEASURES

Explosion-proof general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Wear mask with: Gas cartridge suitable for organic substances.

HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES

**DO NOT SMOKE IN WORK AREA!** Wash skin promptly if becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Aerosol  
COLOUR: Clear  
ODOUR: Solvents  
DENSITY: 0.69  
FLASH POINT (°C): - 40 (propellant)

## 10. STABILITY AND REACTIVITY

### STABILITY

Avoid: Heat, Sparks, Flames

### MATERIALS TO AVOID

Strong alkalis. Strong acids. Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

In combustion emits toxic gases/vapours/fumes of: Carbon Monoxide (CO) and Carbon Dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### INHALATION

May cause drowsiness, dizziness, disorientation or vertigo. Gas or vapour may irritate respiratory system.

### INGESTION

Pneumonia may be the result if vomited material containing solvents reaches the lungs.

### SKIN CONTACT

Prolonged contact may cause dryness of the skin. May cause irritation/eczema.

### EYE CONTACT

Spray/vapour in eyes may cause irritation, burning, lachrymation, blurred vision.

## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous to the environment. However, contamination of the aquatic or terrestrial environments should be avoided.

## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14. TRANSPORT INFORMATION



UK ROAD CLASS: 2  
PROPER SHIPPING NAME: AEROSOLS  
UN NO. ROAD: 1950  
ADR CLASS NO : 2  
ADR PACK GROUP : N/A  
CEFIC TEC(R) NO.: 20G5T, 20G5TF, 20G5TC, 205TO, 20G5TFC,  
20G5TOC  
RID PACK GROUP: N/A  
IMDG CLASS: 2.1  
IMDG PACK GR.: N/A  
MFAG: SEE GUIDE  
AIR CLASS: 2.1  
AIR PACK GR.: N/A  
UK ROAD PACK GR: N/A  
ADR CLASS: CLASS 2: GASES  
ADR LABEL NO.: 2.1  
RID CLASS NO.: 2  
UN NO. SEA: 1950  
IMDG PAGE NO.: 2.1  
EMS: 2-13  
UN NO. AIR: 1950

15. REGULATORY INFORMATION
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## LABELLING



## RISK PHRASES

R12 Extremely Flammable

R36 Irritating to eyes

R66 Repeated exposure may cause drowsiness and dizziness

R67 Vapours may cause drowsiness and dizziness

## SAFETY PHRASES

S2 Keep out of reach of children

S13 Keep away from food, drink and animal feeding stuffs

S16 Keep away from sources of ignition – NO smoking

S23 Do not breathe vapour/spray

S24/25 Avoid contact with skin and eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S36/37/39 Wear suitable protective clothing, gloves, eye/face protection

S46 If swallowed, seek medical advice immediately and show container/label

S51 Use only in well-ventilated areas

## 16. OTHER INFORMATION

### GENERAL INFORMATION

This product should be used as directed by AFT Ltd. For further information consult the product data sheet or contact Technical Services.

### INFORMATION SOURCES

This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

### REVISION COMMENTS

This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Aerosol and Fluid Technology Ltd.

### RISK PHRASES IN FULL:

R12 Extremely Flammable

R11 Highly Flammable

R36 Irritating to eyes

R66 Repeated exposure may cause drowsiness and dizziness

R67 Vapours may cause drowsiness and dizziness

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This advice is given by Aerosol & Fluid Technology Limited who accepts no legal liability for it. The information herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore, be construed as guaranteeing specific properties.