

Revision Date 19/01/2017

Revision 9

Supersedes date 21/11/2013

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## SAFETY DATA SHEET

### TOOL CUTTING FLUID 569-335-0001

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name TOOL CUTTING FLUID 569-335-0001  
Product No. 000162069264

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Cutting oil.

##### 1.3. Details of the supplier of the safety data sheet

Supplier R S Components Limited  
Birchington Road  
Corby  
Northants  
NN17 9RS  
+44(0)1536 402888 (8am-8pm)  
technical.help@rs-components.com

##### 1.4. Emergency telephone number

+44 (0) 1536 402888 (8am to 8pm)

#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Flam. Aerosol 1 - H222  
Human health Lact. - H362;STOT SE 3 - H336  
Environment Aquatic Chronic 2 - H411

Classification (1999/45/EEC)

F+;R12. N;R51/53. R64, R67.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

##### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word

Danger

Hazard Statements

H222 Extremely flammable aerosol.  
H336 May cause drowsiness or dizziness.  
H362 May cause harm to breast-fed children.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P102 Keep out of reach of children.  
P271 Use only outdoors or in a well-ventilated area.  
P263 Avoid contact during pregnancy/while nursing.  
P261 Avoid breathing vapour/spray.  
P501 Dispose of contents/container in accordance with local regulations.

Supplementary Precautionary Statements

P201 Obtain special instructions before use.  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P260	Do not breathe vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P391	Collect spillage.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
Supplemental label information	
H229	Pressurised container: May burst if heated

**2.3. Other hazards****SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

BUTANE	5-10%
CAS-No.: 106-97-8	EC No.: 203-448-7
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12
CHLORINATED PARAFFIN C14-C17 (51%)	1-5%
CAS-No.: 85535-85-9	EC No.: 287-477-0
Classification (EC 1272/2008) EUH066 Lact. - H362 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) N;R50/53. R64,R66.
ISOBUTANE	1-5%
CAS-No.: 75-28-5	EC No.: 200-857-2
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12
MINERAL OIL (REFINED)	30-60%
CAS-No.: 64742-52-5	EC No.: 265-155-0
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.

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NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT		10-30%
CAS-No.: 64742-49-0	EC No.: 921-024-6	Registration Number: 01-2119475514-35-xxxx
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
PROPANE		10-30%
CAS-No.: 74-98-6	EC No.: 200-827-9	
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12	
WHITE SPIRIT		< 1%
CAS-No.: 64742-82-1	EC No.: 919-446-0	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65,R48/20. N;R51/53. R10,R66,R67.	
XYLENE		< 1%
CAS-No.: 1330-20-7	EC No.: 215-535-7	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412	Classification (67/548/EEC) R10 Xn;R20/21 Xi;R38	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### Inhalation

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

#### Ingestion

DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

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Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**4.2. Most important symptoms and effects, both acute and delayed**

General information

NOTE! Effects may be delayed. Keep affected person under observation.

**4.3. Indication of any immediate medical attention and special treatment needed**

No specific first aid measures noted.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

Extinguishing media

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

**5.2. Special hazards arising from the substance or mixture**

Unusual Fire & Explosion Hazards

Aerosol cans may explode in a fire.

**5.3. Advice for firefighters**

Special Fire Fighting Procedures

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures****6.2. Environmental precautions****6.3. Methods and material for containment and cleaning up**

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

**6.4. Reference to other sections****SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

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

**7.2. Conditions for safe storage, including any incompatibilities**

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

**7.3. Specific end use(s)****SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

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Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3	
MINERAL OIL (REFINED)			5 mg/m3		10 mg/m3	
NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT			1200 mg/m3	60 ppm	216 mg/m3	
PROPANE		Asphyxiating	Asphyxiating.	Asphyxiating	Asphyxiating.	
WHITE SPIRIT			600 mg/m3			
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

## 8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Hand protection

Use protective gloves.

Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Brown.
Odour	Characteristic.
Solubility	Insoluble in water
Flammability Limit - Lower(%)	0.8
Flammability Limit - Upper(%)	9.0

### 9.2. Other information

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

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Not known.

**10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

**10.5. Incompatible materials****10.6. Hazardous decomposition products**

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Inhalation**

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

**Ingestion**

May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

**Skin contact**

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

**Eye contact**

Irritating to eyes. May cause chemical eye burns.

**Route of entry**

Inhalation. Skin and/or eye contact.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

Dangerous for the environment if discharged into watercourses.

**12.1. Toxicity**

Data set not currently available.

**12.2. Persistence and degradability****12.3. Bioaccumulative potential****Bioaccumulative potential**

No data available on bioaccumulation.

**12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number**

UN No. (ADR/RID/ADN)

1950

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UN No. (IMDG) 1950  
UN No. (ICAO) 1950

**14.2. UN proper shipping name**

Proper Shipping Name AEROSOLS

**14.3. Transport hazard class(es)**

ADR/RID/ADN Class 2  
ADR/RID/ADN Class Class 2: Gases  
ADR Label No. 2.1  
IMDG Class 2.1  
ICAO Class/Division 2.1  
Transport Labels

**14.4. Packing group**

ADR/RID/ADN Packing group N/A  
IMDG Packing group Not Applicable  
ICAO Packing group N/A

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
No.

**14.6. Special precautions for user**

EMS F-D, S-U

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Uk Regulatory References

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

The Control of Substances Hazardous to Health Regulations 2002.

Statutory Instruments

Control of Substances Hazardous to Health.

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).

**15.2. Chemical Safety Assessment****SECTION 16: OTHER INFORMATION**

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## Risk Phrases In Full

R12 Extremely flammable.  
R10 Flammable.  
R20/21 Harmful by inhalation and in contact with skin.  
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R65 Harmful: may cause lung damage if swallowed.  
R11 Highly flammable  
R38 Irritating to skin.  
R64 May cause harm to breastfed babies.  
R66 Repeated exposure may cause skin dryness or cracking.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R67 Vapours may cause drowsiness and dizziness.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## Hazard Statements In Full

H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H222 Extremely flammable aerosol.  
H220 Extremely flammable gas.  
H226 Flammable liquid and vapour.  
H332 Harmful if inhaled.  
H312 Harmful in contact with skin.  
H412 Harmful to aquatic life with long lasting effects.  
H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure.  
H336 May cause drowsiness or dizziness.  
H362 May cause harm to breast-fed children.  
H335 May cause respiratory irritation.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
H411 Toxic to aquatic life with long lasting effects.  
H410 Very toxic to aquatic life with long lasting effects.  
H400 Very toxic to aquatic life.

## Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.