

<b>ID#:</b>	80377	<b>Assessment Owner:</b>	Clive Owen
<b>Fax:</b>	01189794328	<b>Phone:</b>	07712556825
<b>Email:</b>	clive@a1groupuk.com	<b>Date Created:</b>	14/03/2011 11:17:00
<b>Date Assessment Reviewed</b>	23/02/2023	<b>Next Review Date:</b>	23/02/2028 11:56:00
<b>Material Code:</b>	153159	<b>Tradename:</b>	FIXT COPPER ANTI-SEIZE
		<b>Supplier</b>	QUEST LTD
<b>Supplier Phone:</b>	02476 322155	<b>IMC:</b>	
<b>Keyword</b>	Anti-Seize	<b>Frequency of use:</b>	Weekly
<b>Approximately how much of the material is used by one person in one working day:</b>	occasional smear	<b>How many people are directly exposed?:</b>	2-5
<b>Are any other people put at risk from indirect exposure?:</b>	No	<b>How are they exposed?:</b>	
<b>Are there any susceptible workers?:</b>	No	<b>Susceptible Categories:</b>	
<b>Other info:</b>		<b>Is this material being used outside of the normal temperature range?:</b>	No
<b>Additional work practices:</b>			
<b>Existing Control measures:</b>	gloves worn		
<b>Exp Limit</b>	Propane 1800mg/m3 8hTWA 7200mg/m3 15mSTEL OEL, N-hexane 72mg/m3 8hTWA 20ppm 8hTWA WEL, n-Butane 1450mg/m3 8hTWA 600ppm 8hTWA 1810mg/m3 15mSTEL 750ppm 15mSTEL WEL, Isobutane 1900mg/m3 8hTWA		
<b>Notes</b>	Classification is based on the contents stated in the suppliers safety data sheet rather than the suppliers classification.		
<b>Files Uploaded</b>			
<b>File Name</b>			
<b>Activities</b>			
<b>Act No</b>	<b>Method</b>	<b>Area</b>	<b>Exposure</b>
1	Spraying (Aerosol)	Outside	Up to 1/2 hour per shift
<b>Work Area</b>			
<b>Work Area Code</b>		<b>Sub Area Code</b>	
CS			
<b>Safer Substitute Chosen</b>	<b>Reason for leaving/swapping material</b> most suitable product		

**Material/Process**  
**FIXT COPPER ANTI-SEIZE**



**Health Hazards**  
 Extremely flammable aerosol  
 Pressurised container: May burst if heated.  
 Causes skin irritation  
 Potential for ototoxic effects that may cause hearing loss  
 May cause drowsiness or dizziness  
 Toxic to aquatic life with long lasting effects  
 May cause ill health if ingested in quantity  
 May cause eye irritation

**Considerations**



**MEDIUM HAZARD**  
**AEROSOL**

**Supplier** QUEST LTD  
**Keyword** Anti-Seize

**Contents**  
 Propane: 10 - 30%, Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane: 10 - 30%, n-Butane: 10 - 30%, Isobutane: 5 - 10%, N-hexane: < 1%

**Signal Word** Danger  
**Exp Limit** Propane 1800mg/m3 8hTWA 7200mg/m3 15mSTEL OEL, N-hexane 72mg/m3 8hTWA 20ppm 8hTWA WEL, n-Butane 1450mg/m3 8hTWA 600ppm 8hTWA 1810mg/m3

Method	Spraying (Aerosol)	Area	Outside	Exposure	Up to 1/2 hour per shift
	LOW ACUTE RISK - FULL EXPOSURE		LOW CHRONIC RISK - FULL EXPOSURE		

**Spillage**  
 Not applicable when intact  
 In case of leakage or loss of containment:  
 Ventilate area and exclude all sources of ignition  
 Wear protective clothing if whole container is spilt  
 Allow to dissipate  
 Wear nitrile or viton gloves  
 Ensure area is safe before re-entry

**Control Measures**

LOW ACUTE RISK - INDIVIDUAL ACTIVITY	LOW CHRONIC RISK
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KEEP SKIN COVERED    NITRILE OR VITON    IF CONTACT LIKELY    WASH AFTER EXPOSURE    IF SOILED



PRESSURISED

**First Aid**  
 Inhalation - remove to fresh air; get immediate medical attention after significant exposure or if feeling ill  
 Ingestion - do not induce vomiting, wash out mouth with water  
 If feeling unwell consult your doctor immediately  
 Eye - irrigate with water until irritation subsides; if irritation persists then consult a doctor  
 Skin - wash with soap/cleanser and rinse with water; if irritation persists then consult a doctor

**Fire**  
 Keep aerosol cans cool, do not burn for disposal  
 Isolated small scale fire:  
 Vapour may spread - distant ignition is possible  
 Water fog-powder  
 Do not use water jet  
 Large fire: evacuate area, call fire brigade or follow site procedure  
 Wear self-contained breathing apparatus and protective clothing  
 Keep containers cool with water spray  
 Risk of explosion if involved in a fire

**Activity Comments**  
 Intermittent use of aerosol spray.

Date Printed 23/02/2023



**Material/Process**  
**FIXT COPPER ANTI-SEIZE**

**MEDIUM HAZARD**  
**AEROSOL**



**Supplier** QUEST LTD  
**Keyword** Anti-Seize  
**Signal Word** Danger

**Method** Spraying (Aerosol) **Area** Outside **Exposure** Up to 1/2 hour per shift **Activity Comments** Intermittent use of aerosol spray.

**LOW ACUTE RISK - FULL EXPOSURE** **LOW CHRONIC RISK - FULL EXPOSURE**

**LOW ACUTE RISK - INDIVIDUAL ACTIVITY** **LOW CHRONIC RISK**

**Control Measures**



KEEP SKIN COVERED



NITRILE OR VITON



IF CONTACT LIKELY



WASH AFTER EXPOSURE



IF SOILED



PRESSURISED

**Health Hazards**  
 Extremely flammable aerosol  
 Pressurised container: May burst if heated.  
 Causes skin irritation  
 Potential for ototoxic effects that may cause hearing loss  
 May cause drowsiness or dizziness  
 Toxic to aquatic life with long lasting effects  
 May cause ill health if ingested in quantity  
 May cause eye irritation



This assessment was compiled by Alcumus Sygol Limited from supplier's safety data sheets where appropriate. Safety in the use of assessments is the responsibility of the subscriber. For advice call the helpdesk on 01296 678464

Date Printed 23/02/2023



**REQUEST DETAILS** #ID: 80377 User making request: Clive Owen

**MATERIAL DETAILS** Material Code: 153159

Tradename: FIXT COPPER ANTI-SEIZE

**LOW UNCONTROLLED ACUTE RISK**  
**LOW UNCONTROLLED CHRONIC RISK**  
**LOW CONTROLLED ACUTE/CHRONIC RISK**

**IMC** Supplier: QUEST LTD

#### ACTIVITY DETAILS

Act No	Method	Area	Exposure
1	Spraying (Aerosol)	Outside	Up to 1/2 hour per shift

#### SCENARIO DETAILS Additional work practices:

Approximately how much of the material is used by one person in one working day: occassional smear Frequency of use: Weekly How many people are directly exposed?: 2-5

Are any other people put at risk from indirect exposure?: No

Are there any susceptible workers?: No Susceptible Categories:

Work Area Code Sub Area Code

CS

#### Other Information

Classification is based on the contents stated in the suppliers safety data sheet rather than the suppliers classification.

#### Considerations

Answer



Has the elimination or substitution of this material been considered?

Yes



Have users been informed, instructed and trained in the use of the relevant risk control measures?

Yes



Are procedures to ensure the maintenance of controls in place?

Yes



Are procedures to conduct exposure monitoring in place?

Yes



Are procedures in place to undertake tests for ototoxic effects?

Yes

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Are specific records for inspection of control measures, exposure monitoring health and/or surveillance suitably maintained?

Yes

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Have all actions to be taken in the event of an emergency been considered?

Yes

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Is the fire response team trained in the specific fire fighting requirements for this material?

Yes



## SAFETY DATA SHEET

### FIXT Copper Anti-Seize

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name                      FIXT Copper Anti-Seize

Product number                 FX081154

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

Identified uses                 Anti-seize aerosol

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

Supplier                            Seymour Road  
   Nuneaton  
   Warwickshire  
   CV11 4LB

  02476 322 196 (T)  
   02476 322 117 (F)  
   info@fixtconsumables.com

##### 1.4. Emergency telephone number

Emergency telephone         02476 322 196

#### SECTION 2: Hazards identification

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

###### Classification

Physical hazards                 Aerosol 1 - H222, H229

Health hazards                 Skin Irrit. 2 - H315 STOT SE 3 - H336

Environmental hazards         Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC)   Xi;R38. F+;R12. N;R51/53. R67.

**Human health**                      Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

**Environmental**                     This product contains substances which are very toxic or toxic to aquatic organisms and may cause long term effects to the aquatic environment (see sections 2 and 12)

**Physicochemical**                 Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

##### 2.2. Label elements

###### Pictogram



Signal word                         Danger

## FIXT Copper Anti-Seize

<b>Hazard statements</b>	H222 Extremely flammable aerosol. H315 Causes skin irritation. H229 Pressurised container: may burst if heated H336 May cause drowsiness or dizziness. H412 Harmful to aquatic life with long lasting effects.
<b>Precautionary statements</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P271 Use only outdoors or in a well-ventilated area. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P102 Keep out of reach of children. P260 Do not breathe vapour/spray. P262 Do not get in eyes, on skin, or on clothing. P501 Dispose of contents/container in accordance with local regulations.
<b>Contains</b>	HYDROCARBONS, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>PROPANE</b>	<b>10-30%</b>
CAS number: 74-98-6	EC number: 200-827-9
	REACH registration number: Exempt under REACH
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Gas 1 - H220	F+;R12
<b>HYDROCARBONS, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</b>	<b>10-30%</b>
CAS number: —	EC number: 921-024-6
	REACH registration number: 01-2119475514-35
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
Skin Irrit. 2 - H315	
Asp. Tox. 1 - H304	
STOT SE 3 - H336	
Aquatic Chronic 2 - H411	
<b>BUTANE</b>	<b>10-30%</b>
CAS number: 106-97-8	EC number: 203-448-7
	REACH registration number: Exempt under REACH
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Gas 1 - H220	F+;R12

## FIXT Copper Anti-Seize

<b>ISOBUTANE</b>		<b>5-10%</b>
CAS number: 75-28-5	EC number: 200-857-2	REACH registration number: Exempt under REACH
<b>Classification</b> Flam. Gas 1 - H220	<b>Classification (67/548/EEC or 1999/45/EC)</b> F+;R12	
<b>HEXANE-norm</b>		<b>&lt;1%</b>
CAS number: 110-54-3	EC number: 203-777-6	REACH registration number: 01-2119480412-44
<b>Classification</b> Flam. Liq. 2 - H225 STOT RE 2 - H373 Skin Irrit. 2 - H315 Repr. 2 - H361f STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	<b>Classification (67/548/EEC or 1999/45/EC)</b> F;R11 Repr. Cat. 3;R62 Xn;R48/20,R65 Xi;R38 R67 N;R51/53	

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

<b>General information</b>	Move affected person to fresh air at once.
<b>Inhalation</b>	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide, dry powder or water fog.

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



## FIXT Copper Anti-Seize

**Specific hazards** Extremely flammable. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build-up.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray on a naked flame or any incandescent material.

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

**Storage precautions** Extremely flammable. Keep away from heat, sparks and open flame. Store at moderate temperatures in dry, well ventilated area. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### PROPANE

Long-term exposure limit (8-hour TWA): SUP 1000 ppm

Short-term exposure limit (15-minute): SUP 1250 ppm

#### HYDROCARBONS, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Long-term exposure limit (8-hour TWA): WEL 1200 mg/m<sup>3</sup>

#### BUTANE

## FIXT Copper Anti-Seize

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m<sup>3</sup>

### ISOBUTANE

Long-term exposure limit (8-hour TWA): WEL 800 ppm

Short-term exposure limit (15-minute): WEL No std.

### HEXANE-norm

Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

### PROPANE (CAS: 74-98-6)

**Ingredient comments** SUP = Supplier's recommendation.

#### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.
<b>Personal protection</b>	When using do not smoke.
<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.
<b>Hand protection</b>	Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber). The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
<b>Hygiene measures</b>	Wash hands after handling. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate hand lotion to prevent defatting and cracking of skin.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn.

### **SECTION 9: Physical and Chemical Properties**

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

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Brown.
<b>Odour</b>	Organic solvents.
<b>Flash point</b>	< -40°C
<b>Upper/lower flammability or explosive limits</b>	Lower : 1.8% - Upper 9.5%
<b>Auto-ignition temperature</b>	410-580°C
<b>Comments</b>	Information given is applicable to the major ingredient.

#### 9.2. Other information

<b>Other information</b>	Not available.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 490 g/l.

## FIXT Copper Anti-Seize

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** Stable at normal ambient temperatures and when used as recommended.

#### 10.2. Chemical stability

**Stability** Avoid the following conditions: Heat, sparks, flames.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Does not decompose when used and stored as recommended.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

#### 10.5. Incompatible materials

**Materials to avoid** Keep away from oxidising materials, heat and flames.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>General information</b>	Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.
<b>Inhalation</b>	In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.
<b>Skin contact</b>	Irritating to skin.
<b>Eye contact</b>	Vapour or spray in the eyes may cause irritation and smarting.
<b>Acute and chronic health hazards</b>	Arrhythmia (deviation from normal heart beat). Irritating to skin. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Route of entry</b>	Inhalation
<b>Target organs</b>	Central nervous system Respiratory system, lungs
<b>Medical symptoms</b>	Skin irritation. Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness.

### SECTION 12: Ecological Information

**Ecotoxicity** This product has not been tested but contains ingredients which are toxic or very toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment. During normal use the volatility of the components and the packaging form, pressurised container, make entry into the aquatic environment unlikely, however, do not empty or discharge into drains or watercourses. Ensure container is empty before disposal to prevent contents entering watercourses.

#### 12.1. Toxicity

## FIXT Copper Anti-Seize

**Toxicity** Not available.

### 12.2. Persistence and degradability

**Persistence and degradability** Not available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

### 12.4. Mobility in soil

**Mobility** Not known.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not available.

### 12.6. Other adverse effects

**Other adverse effects** Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Do not puncture or incinerate, even when empty.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Empty containers must not be punctured or incinerated because of the risk of an explosion.

## SECTION 14: Transport information

**General** This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

### 14.1. UN number

**UN No. (ADR/RID)** 1950

**UN No. (IMDG)** 1950

**UN No. (ICAO)** 1950

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** AEROSOLS

**Proper shipping name (IMDG)** AEROSOLS

**Proper shipping name (ICAO)** AEROSOLS

**Proper shipping name (ADN)** AEROSOLS

### 14.3. Transport hazard class(es)

**ADR/RID class** 2.1

**ADR/RID label** 3

## FIXT Copper Anti-Seize

IMDG class 2.1

ICAO class/division 2.1

### Transport labels



### 14.4. Packing group

Not applicable.

### ADR/RID packing group

### IMDG packing group

### ICAO packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

Tunnel restriction code (D)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Not applicable.

## SECTION 15: Regulatory information

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

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	Commission Regulation (EU) No 453/2010 of 20 May 2010.
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Revision comments</b>	Supplemental information added.
<b>Revision date</b>	26/08/2015
<b>Revision</b>	2
<b>SDS number</b>	12389
<b>SDS status</b>	Approved.

## FIXT Copper Anti-Seize

### Risk phrases in full

R11 Highly flammable.  
R12 Extremely flammable.  
R38 Irritating to skin.  
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R62 Possible risk of impaired fertility.  
R65 Harmful: may cause lung damage if swallowed.  
R67 Vapours may cause drowsiness and dizziness.

### Hazard statements in full

H222 Extremely flammable aerosol.  
H225 Highly flammable liquid and vapour.  
H229 Pressurised container: may burst if heated  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H361f Suspected of damaging fertility.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

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.

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