

# NFUSED Metal Conditioner

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 05/13/2015

Revision date:

:

Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : NFUSED  
Product code : NFUSED

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

**THIS PRODUCT MUST NOT BE USED IN APPLICATIONS OTHER THAN THOSE RECOMMENDED IN SECTION 1.2.1, WITHOUT FIRST SEEKING THE ADVICE OF THE SUPPLIER.**

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Metal lubricant  
Industrial/Professional use spec : Industrial  
For professional use only

##### 1.2.2. Uses advised against

No additional information available

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

Manufacturer:	Distributor:
Protec Autocare Ltd	C & C 1771 LLC
The Buffer Depot	1745 W. Deer Valley Rd.
Rode Street	Ste. 134
Tarporley	Phoenix, AZ 85027
Cheshire CW6 0EF	623-434-2622

#### 1.4. Emergency telephone number

Emergency number : +44 1829 700145

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aquatic Acute 1 H400  
Aquatic Chronic 1 H410

Full text of H-phrases: see section 16

##### Classification according to Directive 67/548/EEC or 1999/45/EC

N; R50/53

Full text of R-phrases: see section 16

##### Adverse physicochemical, human health and environmental effects

Not expected to present a significant hazard under anticipated conditions of normal use.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]



Hazard pictograms (CLP)

:

GHS09

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (CLP)

: P273 - Avoid release to the environment  
P391 - Collect spillage  
P501 - Dispose of contents/container to State or local regulations

#### 2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

INGREDIENT: The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910. 1200.

SECTION 2 NOTES: This product is not considered to be a carcinogen by IARC, ACGIH,, NTP or OSHA.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

Reactivity : No reactivity hazard other than the effects described in sub-sections below.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Protective equipment : Avoid contact with skin and eyes.  
Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See also sections 8 and 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

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

Storage conditions : Store in original container. Protect from moisture. Keep cool. Keep container closed when not in use.  
Incompatible products : Oxidizing agent. Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight.  
Storage temperature : 0 - 40 °C

#### 7.3. Specific end use(s)

Lubricant oil.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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ACGIH TWA (mg/m<sup>3</sup>) : 5 mg/m<sup>3</sup> Refined mineral oil, mist

#### 8.2. Exposure controls

Appropriate engineering controls : Ensure exposure is below occupational exposure limits (where available).  
Personal protective equipment : Avoid all unnecessary exposure.  
Hand protection : In case of repeated or prolonged contact wear gloves. Standard EN 374 - Protective gloves against chemicals.  
Eye protection : If there is a risk of liquid being splashed : Standard EN 166 - Personal eye-protection.  
Skin and body protection : Wear suitable protective clothing.  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.  
Thermal hazard protection : Not specifically applicable.  
Environmental exposure controls : SECTION 6.  
Other information : Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Appearance : Mobile liquid.  
Color : amber.  
Odor : characteristic.  
Odor threshold : No data available  
Ph : Not classified  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : > 210 °C IBP  
Flash point : > 210 °C PMCC  
Self ignition temperature : > 225 °C  
Decomposition temperature : No data available  
Flammability (solid, gas) : Non flammable  
Vapour pressure : < 0.5 kPa @ 20°C  
Relative vapour density at 20 °C : No data available  
Relative density : 1.007 kg/l @ 15°C  
Solubility : Insoluble in water. Soluble in aliphatic hydrocarbons.  
Log Pow : No data available  
Log Kow : No data available  
Viscosity, kinematic : 40 cSt @40°C

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Viscosity, dynamic	: No data available
Explosive properties	: Not classified.
Oxidising properties	: Not classified.
Explosive limits	: No data available

### 9.2. Other information

VOC content	: 0 %
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No reactivity hazard other than the effects described in sub-sections below.

### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of hazardous reactions

May react violently with oxidants.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified Based on available data, the classification criteria are not met pH: Not classified
Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met pH: Not classified
Respiratory or skin sensitization	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Harmful to aquatic life with long lasting effects.
Ecology - water	: Very toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

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Persistence and degradability	Not readily biodegradable.
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### 12.3. Bioaccumulative potential

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Bioaccumulative potential : Low bioaccumulation potential.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

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Results of PBT assessment : Not classified as PBT or vPvB.

### 12.6. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

No dangerous good in sense of transport regulations

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Dangerous for the environment :



Other information : No supplementary information available.

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

No additional information available

#### 14.6.2. Transport by sea

No additional information available

#### 14.6.3. Air transport

No additional information available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

VOC content : 0 %

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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### SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of R-, H- and EUH-phrases::

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
N	Dangerous for the environment

SDS EU Reach II Rock

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*