

## SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006)

Version: 1 Revision Date: 12.05.2020

### BELT DRESSING 400ml

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

##### 1.1 Product identifier

Product Name: *Belt Dressing – 400ml*  
Product Code: *BDRE01*

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

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

Company: **CHAUCER SOLUTIONS LIMITED**  
Address: *Beodric House  
5 Boldero Road  
Bury St. Edmunds  
Suffolk  
IP32 7BS  
United Kingdom*  
Telephone: *+ 44 (0) 1767 677445*  
E-mail: *admin@chaucersolutions.co.uk*

##### 1.4 Emergency telephone number

*+ 44 (0) 1767 677445 (Only available during office hours)*

#### 2. HAZARDS IDENTIFICATION

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

Classification (according to Regulation (EC) No. 1272/2008):

*Flammable Aerosol Category 1  
Gases Under Pressure  
Skin Irritation Category 2  
STOT SE Category 3  
Chronic Aquatic Hazard Category 3*

*H222: Extremely flammable aerosol  
H280: Contains gas under pressure; may explode if heated  
H315: Causes skin irritation  
H336: May cause drowsiness and dizziness  
H412: Harmful to aquatic life with long lasting effects*

##### 2.2 Label elements

#### REGULATION (EC) No. 1272/2008

Pictogram(s):



Signal Word: **DANGER**

Hazard Statements: *H222: Extremely flammable aerosol*  
*H280: Contains gas under pressure; may explode if heated*  
*H315: Causes skin irritation*  
*H336: May cause drowsiness and dizziness*  
*H412: Harmful to aquatic life with long lasting effects*

Precautionary Statements:

Prevention: *P102: Keep out of reach of children.*  
*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.*  
*P273: Avoid release to the environment*

Response: *P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F*  
*P304+P340: IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.*

Storage: *P405: Store locked up.*

Disposal: *P501: Dispose of contents / container to a waste management service provider, according to the local law and regulations*

**Other Hazards** *In use, may form flammable / explosive vapour-air mixture.*

### **3. COMPOSITION OF/INFORMATION ABOUT THE COMPONENTS**

#### **3.1 Substances**

#### **3.2 Mixtures**

Chemical Name	CAS-No. EINECS-No.	Classification REGULATION (EC) No 1272/2008	Concentration [%]
<i>Petroleum gases, liquefied</i>	68476-85-7 270-704-2	Flam. Gas Cat.1: H220; Press. Gas: H280	30 - 50
<i>Naphtha (petroleum) hydrotreated, light, low boiling point</i>	64742-49-0 265-151-9	Flam. Liq. Cat.2: H225; Skin Irrit. Cat.2: H315; STOT SE Cat.3: H336; Aq. Chron. Cat.2: H411	10 - 30

For the full text of the H - statements mentioned in this section, see section 16.

### **4. FIRST AID MEASURES**

#### **4.1 Description of first aid measures**

General advice: *Take the Hazard and Precautionary Statements (section 2) into account. Show this Safety Data Sheet to the physician in attendance if required.*

Inhalation: *Remove from exposure site to fresh air and keep at rest. Contact physician if symptoms persist.*

Skin contact: *Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.*

Eye contact: *Flush immediately with water for at least 15 minutes. Remove contact lenses if possible. Contact physician if symptoms persist.*  
Ingestion: *Rinse mouth with water and Contact physician if symptoms persist. Do NOT induce vomiting.*

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

*Skin contact: There may be irritation and redness at the site of contact.  
Eye contact: There may be irritation and redness. The eyes may water profusely.  
Ingestion: There may be soreness and redness of the mouth and throat.  
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.  
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.*

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

*Eye bathing equipment should be available on the premises.  
Provide physician with a copy of this Safety Data Sheet.*

### **5. FIRE-FIGHTING MEASURES**

#### **5.1 Extinguishing media**

*Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.*

#### **5.2 Special Hazards arising from the substance or mixture**

*Combustible liquid; toxic gases may be released.*

#### **5.3 Advice for Fire Fighters**

Special protective equipment for fire fighting:

*Full protective suit.  
Self-contained breathing apparatus (EN 133)*

Specific fire fighting methods:

*Do not use a high powered water jet directly on burning material.  
Do not inhale fumes.  
Evacuate personnel to a safe area.  
Cool containers / tanks with water spray.*

### **6. ACCIDENTAL RELEASE MEASURES**

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

*Remove all sources of ignition, and keep away from flames and hot surfaces. Avoid inhalation and contact with skin and eyes. Wear appropriate personal protective equipment. A self contained breathing apparatus is recommended in case of a major spill. Collect Spillage.*

#### **6.2 Environmental precautions**

*Keep away from drains, surface and ground water and soil.*

#### **6.3 Methods for cleaning or taking up**

*Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.*

### **7. HANDLING AND STORAGE**

#### **7.1 Handling**

**Advice on safe handling:**

*Avoid contact with the eyes, skin and clothing. Avoid excessive inhalation of concentrated vapours. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each working period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.*

*If appropriate, procedures used during the handling of this material should also be used when cleaning equipment or removing residual chemicals from tanks or other containers, especially when steam or hot water is used, as this may increase vapour concentrations in the work place air. Where chemicals are openly handled, access should be restricted to properly trained employees.*

*Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.*

**Advice on protection against fire and explosion:**

*Keep away from ignition sources and naked flame.*

## 7.2 Storage

**Requirements for storage areas and containers:**

*Store in a cool, dry, ventilated area away from heat sources. Keep containers upright and tightly closed when not in use.*

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters

**Occupational Exposure Limits - UK**

*Petroleum gases, liquefied: 1750 mg/m<sup>3</sup> 8hr TWA; 2180 mg/m<sup>3</sup> 15 min. STEL*

*Naphtha (petroleum) hydrotreated, light, low boiling point: 1000 mg/m<sup>3</sup> 8hr TWA*

**DNEL:**

*Naphtha (petroleum) hydrotreated, light, low boiling point:*

**Workers**

**Dermal:** Systemic effects: 773 mg/kg/d  
**Inhalation:** Systemic effects: 2035 mg/m<sup>3</sup>

**Consumers**

**Oral:** Systemic effects: 699 mg/kg/d  
**Dermal:** Systemic effects: 699 mg/kg/d  
**Inhalation:** Systemic effects: 608 mg/m<sup>3</sup>

### 8.2 Personal protective equipment

**Respiratory protection:**

*Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation including places where this material is openly weighed or measured.*

*In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient.*

*If engineering controls and safe work practices are not sufficient, an approved, properly fitted respirator with organic vapor cartridges or canisters and particulate filters should be used:*



- a) while engineering controls and appropriate safe work practices and/or procedures are being implemented; or
- b) during short term maintenance procedures when engineering controls are not in normal operation or are not sufficient; or
- c) if normal operational workplace vapour concentration in the air is increased due to heat;
- d) during emergencies; or
- e) if engineering controls and operational practices are not sufficient to reduce airborne concentrations below an established occupational exposure limit.

Hand protection: *Avoid skin contact. Use chemically resistant gloves.*

Skin and body protection:

*Avoid contact with the skin. Wear a protective suit. Wash all contaminated clothing thoroughly before re-use.*

Eye protection: *Avoid contact with the eyes. Use tight-fitting goggles, face shield or safety glasses with side shields.*

Hygiene Measures:

*Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well-maintained personal protection equipment. Wash hands before breaks and at the end of the work day. Do not eat, drink or smoke whilst using or handling the product.*

*To the extent deemed appropriate, implement pre placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material.*

*To the extent deemed appropriate, use an experienced air sampling expert to identify and measure volatile chemicals that could be present in the workplace air or determine potential exposures and to ensure the continuing effectiveness of engineering controls and operational practices to minimize exposure.*

Protective measures:

*The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and / or risks that may occur during use.*

General Advice: *Do not allow uncontrolled discharge of the product into the environment.*

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Appearance**

Physical state: *Aerosol*  
Colour: *Yellow – tan*  
Odour: *Characteristic*

### **9.2 Safety data**

Flash Point: *-60°C*

## **10. STABILITY AND REACTIVITY**

### **10.1 Reactivity**

*This product is not considered reactive under normal working conditions.*

### **10.2 Chemical Stability**

*This product is stable at room temperature.*

### **10.3 Possibility of hazardous reactions**

*This product may react with strong oxidizing agents, acids and / or alkalis.*

#### 10.4 Conditions to avoid

*Keep away from heat.*

#### 10.5 Incompatible materials

*Strong oxidizing agents acids and alkalis.*

#### 10.6 Hazardous decomposition products

*Toxic Gas (Carbon Monoxide and Carbon Dioxide) and unidentified organic compounds may be formed during combustion).*

### **11. TOXICOLOGICAL INFORMATION**

#### **11.1 Acute Toxicity**

Acute oral toxicity:

Naphtha (petroleum) hydrotreated, light, low boiling point  
*LD50 (rat) > 2000 mg/kg*

Acute inhalation toxicity:

Naphtha (petroleum) hydrotreated, light, low boiling point  
*LD50 (rat) > 20 mg/l (4h)*

Acute dermal toxicity:

Naphtha (petroleum) hydrotreated, light, low boiling point  
*LD50 (rat) > 2000 mg/kg*

Acute dermal toxicity (other routes of administration):

*No data available.*

Aspiration toxicity:

*No data available.*

#### **11.2 Skin corrosion/irritation**

Skin irritation: *There may be irritation and redness at the site of contact.*

#### **11.3 Serious eye damage/eye irritation**

Eye irritation: *There may be irritation and redness. The eyes may water profusely.*

#### **11.4 Respiratory or skin sensitization**

Sensitisation:

#### **11.5 Aspiration hazard:**

Sensitisation: *No data available*

#### **11.6 Repeated dose toxicity**

Repeated dose toxicity:

*No data available.*

#### **11.7 STOT**

STOT – single exposure:

*There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.*

STOT – repeated exposure:

*No data available.*

#### **11.8 Carcinogenicity**

Carcinogenicity: *No data available.*

## 11.9 Mutagenicity

Genotoxicity in vitro:  
*No data available.*  
Genotoxicity in vivo:  
*No data available.*

## 11.10 Reproductive toxicity

Reproductive toxicity:  
*No data available.*  
Developmental toxicity/Teratogenicity:  
*No data available.*

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity effects

Aquatic Compartment (including sediment)  
*Acute Fish Toxicity:* LC50 < 10 mg/L (96h)  
*Aquatic Invertebrate Toxicity:* EC50 < 10 mg/L (48h) *Daphnia*  
*Algae Toxicity:* IC50 < 10 mg/L (72h)

### 12.2 Persistence and degradability

Biodegradability: biodegradable

### 12.3 Bioaccumulation

Partition coefficient (n-octanol/water):  
*No data available.*

### 12.4 Mobility

Known distribution to environmental compartments:  
*Readily absorbed into the soil*

### 12.5 Other adverse effects

Environmental assessment:  
*Negligible ecotoxicity*

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product: *Dispose of according to local regulations. Do NOT dispose of into drainage systems and into the environment.*

Contaminated packaging:  
*Empty containers should be taken to an approved waste handling site for recycling or disposal.*

## 14. TRANSPORT INFORMATION

### 14.1 ADR

UN-Number: 1950  
Dangerous Goods Description: AEROSOLS  
Class: 2  
Tunnel restriction code: (D)  
Environmentally hazardous mark: NO

### 14.2 RID

UN-Number: 1950

Dangerous Goods Description: *AEROSOLS*  
Class: *2*  
Environmentally hazardous mark: *NO*

#### **14.3 IATA**

UN-Number: *1950*  
Dangerous Goods Description: *AEROSOLS*  
Class: *2*  
Environmentally hazardous mark: *NO*

#### **14.4 IMDG**

UN-Number: *1950*  
Dangerous Goods Description: *AEROSOLS*  
Class: *2*  
Environmentally hazardous mark: *NO*

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to regularly check their validity.

### **15. REGULATORY INFORMATION**

N/A

### **16. OTHER INFORMATION**

Full text of H – Statements referred to under sections 2 and 3

- H222: Extremely flammable aerosol*
- H220: Extremely flammable gas*
- H280: Contains gas under pressure; may explode if heated*
- H315: Causes skin irritation*
- H336: May cause drowsiness and dizziness*
- H411: Toxic to aquatic life with long lasting effects*
- H412: Harmful to aquatic life with long lasting effects*

Full text of P – Statements referred to under sections 2 and 3

- P102: Keep out of reach of children.*
- 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.*
- P273: Avoid release to the environment*
- P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F*
- P304+P340: IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.*
- P405: Store locked up.*
- P501: Dispose of contents / container to a waste management service provider, according to the local law and regulations*

Further information:

According to Regulation (EC) No. 1907/2006 the information in this safety data sheet is based on the properties of the material known to Chaucer Solutions Ltd at the time the data sheet was issued. The Safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. The information hereon is reliable to the best of our knowledge. However, the recommendations or suggestions hereon shall not be



construed as a warranty or representation as to the results, safety and efficacy. Users should always make their own evaluations and tests suitable for their particular needs. We cannot be held liable for any loss or damage arising from the use of the information hereon. This document is not intended for quality assurance purposes.

- End of Safety Data Sheet -

