



# CHEMICAL PRODUCT SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

Product name: Food Grade Belt Dressing

Issue date: 10-30-2014  
Revision date: 10-31-2018  
Version #: 03  
SDS No: -

## SECTION 1 Chemical product and company identification

<b>Product name</b>	<b>Food Grade Belt Dressing</b>
<b>Product Code</b>	No. PR03065 (Item# 1007684)
<b>Manufactured or sold by:</b>	
<b>Company name</b>	CRC Industries Trading (Shanghai) Co., Ltd.
<b>Address</b>	Room 1710, No. 488 South Wuning Road Jingan District - 200042 Shanghai, PR China
<b>General Information</b>	+86 21 6236 6035
<b>24-Hour Emergency</b>	+86 532 83889090
<b>Website</b>	www.crcindustries.cn

### Recommended use and Limitations on use

<b>Recommended use</b>	Belt dressing
<b>Issue date</b>	10-30-2014
<b>Revision date</b>	10-31-2018
<b>Supersedes date</b>	06-02-2016

## SECTION 2 Hazards identification

<b>Emergency overview</b>	Aerosol. CONTENTS UNDER PRESSURE. Pressurized container may explode when exposed to heat or flame. May be fatal if swallowed and enters airways. May be harmful in contact with skin. May cause drowsiness and dizziness. Causes eye irritation. Causes skin irritation. Dangerous for the environment if discharged into watercourses.
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### Hazard categories

<b>Physical hazards</b>	Aerosols	Category 1
<b>Health hazards</b>	Acute toxicity, dermal	Category 5
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2B
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
<b>Environmental hazards</b>	Aspiration hazard	Category 1
	Hazardous to the aquatic environment, acute hazard	Category 1
	Hazardous to the aquatic environment, long-term hazard	Category 1

### Label elements

#### Pictograms



#### Signal word

Danger

#### Hazard statement

H222	Extremely flammable aerosol.
H229	Pressurized container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H320	Causes eye irritation.
H336	May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statement****Prevention**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P261 Avoid breathing mist/vapor.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.

**Response**

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P391 Collect spillage.

**Storage**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Physical and chemical hazards**

Extremely flammable aerosol. The product is stable and non-reactive under normal conditions of use, storage and transport.

**Health hazards**

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. May be harmful in contact with skin. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. Causes skin irritation. Causes eye irritation.

**Environmental hazards**

Very toxic to aquatic life with long lasting effects.

**Supplemental information**

None.

**SECTION 3 Composition/information on ingredients**

Substance/mixture	Mixture	
Chemical name	Concentration (%)	CAS Number
naphtha (petroleum), hydrotreated light	30 - 40	64742-49-0
liquefied petroleum gas	20 - 30	68476-86-8
n-heptane	10 - 20	142-82-5
3-methylhexane	5 - 10	589-34-4
methylcyclohexane	5 - 10	108-87-2
2-methylhexane	3 - 5	591-76-4
2,3-dimethylpentane	1 - 3	565-59-3
3-ethylpentane	1 - 3	617-78-7
3,3-dimethylpentane	< 1	562-49-2

**SECTION 4 First aid measures****Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

<b>Skin contact</b>	Remove contaminated clothing. Wash with plenty of soap and water. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Most important symptoms and health effects</b>	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain.
<b>Personal protection for first-aid responders</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
<b>Notes to physician</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

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## SECTION 5 Fire-fighting measures

<b>Extinguishing media</b>	Foam. Powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Extinguishing media to avoid</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards</b>	Contents under pressure. Pressurized container may rupture when exposed to heat or flame. During fire, gases hazardous to health may be formed.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.
<b>Protection of fire-fighters</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>General fire hazards</b>	Extremely flammable aerosol.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

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## SECTION 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**For emergency responders** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

**Environmental precautions** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

**Clean-up methods and materials and containment measures** Stop leak if you can do so without risk. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. Prevent product from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

**Prevention of secondary hazards** Not available.

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## SECTION 7 Handling and storage

**Handling** Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

**Storage** Level 3 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## SECTION 8 Exposure controls/personal protection

### Exposure limits

China OELs. Occupational Exposure Limits for Hazardous Agents in the Workplace, Chemical Hazardous Agents (GBZ 2.1-2007)

Components	Type	Value
n-heptane (CAS 142-82-5)	PC-STEL	1000 mg/m <sup>3</sup>
	PC-TWA	500 mg/m <sup>3</sup>

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Monitoring methods

Follow standard monitoring procedures.

### Engineering measures

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Personal protective equipment

#### Respiratory protection

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

#### Hand protection

Wear protective gloves such as: Nitrile. Viton/butyl.

#### Eye protection

Wear safety glasses with side shields (or goggles).

#### Skin and body protection

Wear appropriate chemical resistant clothing.

### Hygiene measures

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9 Physical and chemical properties

### Appearance

#### Physical state

Liquid.

#### Form

Aerosol.

#### Color

Colorless.

### Odor

Hydrocarbon-like.

### pH

Not available.

### Melting point/freezing point

-195.9 °F (-126.6 °C) estimated

### Boiling point, initial boiling point, and boiling range

201.2 °F (94 °C) estimated

### Flash point

15.8 °F (-9 °C) estimated

### Flammability limit - lower (%)

1 % estimated

### Flammability limit - upper (%)

7 % estimated

### Explosive limit - lower (%)

1 % estimated

### Explosive limit - upper (%)

7 % estimated

### Vapor pressure

1507.3 hPa estimated

### Vapor density

> 1 (air = 1)

### Relative density

0.66 estimated

### Density

5.51 lbs/gal estimated

### Solubility(ies)

#### Solubility (water)

Negligible.

### Partition coefficient (n-octanol/water)

Not available.

### Auto-ignition temperature

509 °F (265 °C) estimated

### Decomposition temperature

Not available.

### Evaporation rate

Fast.

### Other data

#### Percent volatile

91 % estimated

## SECTION 10 Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents. Acids.
<b>Hazardous decomposition products</b>	Carbon oxides.

## SECTION 11 Toxicological information

<b>Acute toxicity</b>	In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. May be fatal if swallowed and enters airways. May be harmful in contact with skin.
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Components	Species	Test Results
3-methylhexane (CAS 589-34-4)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Inhalation</b>		
LC50	Rat	> 20 mg/l, 4 hours
<b>Oral</b>		
LD50	Rat	> 2000 mg/kg
methylcyclohexane (CAS 108-87-2)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Oral</b>		
LD50	Rat	> 4000 mg/kg
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Inhalation</b>		
LC50	Rat	61 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
n-heptane (CAS 142-82-5)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	3000 mg/kg
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	> 73.5 mg/l, 4 hours
<b>Oral</b>		
LD50	Rat	25000 mg/kg
<b>Routes of exposure</b>	Inhalation. Ingestion. Skin contact. Eye contact.	
<b>Symptoms</b>	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain.	
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<b>Serious eye damage/eye irritation</b>	Causes eye irritation.	

**Respiratory or skin sensitization****Respiratory sensitization** Not a respiratory sensitizer.**Skin sensitizer** This product is not expected to cause skin sensitization.**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.**Carcinogenicity** Not classifiable as to carcinogenicity to humans.**Toxic to reproduction** This product is not expected to cause reproductive or developmental effects.**Specific target organ toxicity following single exposure** May cause drowsiness and dizziness.**Specific target organ toxicity following repeated exposure** Not classified.**Aspiration hazard** May be fatal if swallowed and enters airways.**Chronic effects** Prolonged inhalation may be harmful.**SECTION 12 Ecological information****Ecotoxicity** Very toxic to aquatic life with long lasting effects.**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.**Bioaccumulation****Bioaccumulative potential****Bioconcentration factor**

naphtha (petroleum), hydrotreated light 10 - 25000

**Octanol/water partition coefficient log Kow**

methylcyclohexane 3.61

n-heptane 4.66

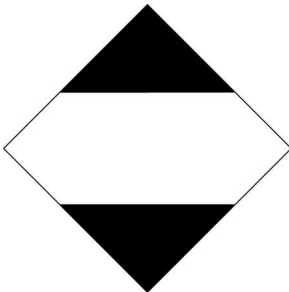
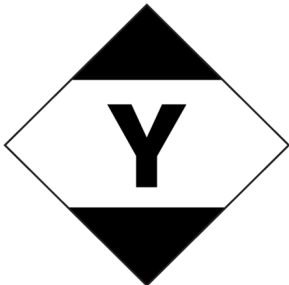
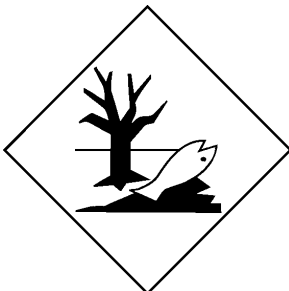
**Mobility in soil** This product is miscible in water.**Other hazardous effects** The product contains volatile organic compounds which have a photochemical ozone creation potential.**SECTION 13 Disposal considerations****Residual waste** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.**Local disposal regulations** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.**SECTION 14 Transport information****CNDG****UN number** UN1950**UN proper shipping name** AEROSOLS, Limited Quantity**Transport hazard class(es)****Class** 2.1**Subsidiary risk** -**Packing group** Not applicable.**Environmentally hazardous** Yes**Special precautions for user** Not available.**IATA****UN number** UN1950**UN proper shipping name** Aerosols, flammable, Limited Quantity**Transport hazard class(es)****Class** 2.1**Subsidiary risk** -**Packing group** Not applicable.**Environmental hazards** Exempt from the regulations.**ERG Code** 10L**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Other information**

**Passenger and cargo aircraft** Allowed with restrictions.  
**Cargo aircraft only** Allowed with restrictions.

**IMDG**

**UN number** UN1950  
**UN proper shipping name** AEROSOLS, Limited Quantity  
**Transport hazard class(es)**  
**Class** 2.1  
**Subsidiary risk** -  
**Packing group** Not applicable.  
**Environmental hazards**  
**Marine pollutant** Exempt from the regulations.  
**EmS** F-D, S-U  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.  
**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

**CNDG; IMDG****IATA****Marine pollutant****SECTION 15 Regulatory information****Law of the People's Republic of China on Prevention and Control of Occupational Diseases**

Not regulated.

**Regulations on the Control over Safety of Dangerous Chemicals****Catalog of Hazardous Chemicals**

2,3-DIMETHYL PENTANE (CAS 565-59-3)	2,3-DIMETHYL PENTANE
2-METHYL HEXANE (CAS 591-76-4)	2-METHYL HEXANE
3,3-DIMETHYL PENTANE (CAS 562-49-2)	3,3-DIMETHYL PENTANE
3-ETHYL PENTANE (CAS 617-78-7)	3-ETHYL PENTANE
Hexane, 3-methyl- (CAS 589-34-4)	Hexane, 3-methyl-



METHYLCYCLOHEXANE (CAS 108-87-2)

METHYLCYCLOHEXANE

NAPHTHA (CAS 64742-49-0)

NAPHTHA

N-HEPTANE (CAS 142-82-5)

N-HEPTANE

**List of Priority Management of Hazardous Chemicals**

naphtha (petroleum), hydrotreated light (CAS 64742-49-0)

**Measures for the Environmental Management Registration of Hazardous Chemicals (for Trial Implementation)**

Not regulated.

**Regulations on Labor Protection in Workplaces Where Toxic Substances Are Used****Regulations for Environmental Management On the First Import of Chemicals and the Import and Export of Toxic Chemicals****Provision on the Environmental Administration of New Chemical Substances****Inventory of Existing Chemical Substances in China**

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**Other regulations**

This safety data sheet conforms to the following laws, regulations and standards:

Regulations on the Control over Safety of Dangerous Chemicals

Regulations on Labor Protection in Workplaces Where Toxic Products Are Used

Measures for the Safe Use of Chemicals in Workplaces

Safety Data Sheet for Chemical Products - Content and Order of Sections (GB/T 16483-2008)

General Rules for Preparation of Precautionary Labels for Chemicals (GB15258-2009 )

Packing Symbol of Dangerous Goods(GB190-2009)

Packing - Pictorial Marking for Handling of Goods (GB/T191-2009)

**List of Priority Management of Hazardous Chemicals**

naphtha (petroleum), hydrotreated light (CAS 64742-49-0)

**International regulations****Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Montreal Protocol**

Not applicable.

**Kyoto protocol**

Not applicable.

**Basel Convention**

Not applicable.

**SECTION 16 Other information****References**

Not available.

**Further information**

CRC # 1750897

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**Revision information**

This document has undergone significant changes and should be reviewed in its entirety.