

Pyroil™ BELT DRESSING
PYBD5

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone number	1-800-ASHLAND (1-800-274-5263)
Product name	Pyroil™ BELT DRESSING	
Product code	PYBD5	

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: aerosol, colourless

WARNING! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. CONTENTS UNDER PRESSURE. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN AND RESPIRATORY TRACT IRRITATION.

Potential Health Effects

Exposure routes

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

Eye contact

Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin contact

Can cause skin irritation. Symptoms may include redness and burning of skin, and other skin damage.

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Pyroil™ BELT DRESSING
PYBD5

Inhalation

Breathing aerosol and/or mist is possible when material is sprayed. Aerosol and mist may present a greater risk of injury because more material may be present in the air than from vapor alone. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

Aggravated Medical Condition

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions)

Symptoms

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), Lung irritation, central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), Lack of coordination, confusion, irregular heartbeat, narcosis (dazed or sluggish feeling), Convulsions, coma

Target Organs

Exposure to this material (or a component) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans. Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects

Carcinogenicity

This material is not listed as carcinogenic by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA). This product (or a component) is a petroleum-derived material. Similar materials and certain compounds occurring naturally in petroleum oils have been shown to cause skin cancer in laboratory animals following repeated exposure without washing or removal. Good industrial hygiene practices are recommended to minimize exposure.

Reproductive hazard

There are no data available for assessing risk to the fetus from maternal exposure to this material.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Pyroil™ BELT DRESSING
PYBD5

Hazardous Components	CAS-No. / Trade Secret No.	Concentration
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8	>=1%
PROPANE	74-98-6	>=1%

4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Notes to physician

Hazards: Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material.

Treatment: No information available.

5. FIREFIGHTING MEASURES

Pyroil™ BELT DRESSING
PYBD5

Suitable extinguishing media

Water spray, Carbon dioxide (CO₂), Foam, Dry chemical

Hazardous combustion products

carbon dioxide and carbon monoxide, Hydrocarbons

Precautions for fire-fighting

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Keep in suitable, closed containers for disposal.

Other information

Comply with all applicable federal, state, and local regulations.

7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Maximum recommended storage temperature 50 degrees C (122 degrees F). Store in a cool, dry, ventilated area.

Pyroil™ BELT DRESSING
PYBD5

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT		64742-47-8	
ACGIH	time weighted average	200 mg/m ³	Non-aerosol
NIOSH	Recommended exposure limit (REL):	100 mg/m ³	
PROPANE		74-98-6	
NIOSH	Recommended exposure limit (REL):	1,000 ppm	
NIOSH	Recommended exposure limit (REL):	1,800 mg/m ³	
OSHA Z1	Permissible exposure limit	1,000 ppm	
OSHA Z1	Permissible exposure limit	1,800 mg/m ³	
ACGIH	time weighted average	1,000 ppm	

General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Eye protection

Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

Skin and body protection

Wear resistant gloves such as:

Neoprene

Nitrile rubber

Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

Discard gloves that show tears, pinholes, or signs of wear.

Pyroil™ BELT DRESSING
PYBD5

Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	aerosol
Colour	colourless
Odour	hydrocarbon-like
Flash point	-20.00 °F / -28.89 °C Tag closed cup Value for Component
Evaporation rate	(<)1 n-Butyl Acetate
Density	(Average) 0.825 g/cm3
Water solubility	insoluble

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Heat, flames and sparks.

Incompatible products

Strong oxidizing agents, strong reducing agents

Hazardous decomposition products

carbon dioxide and carbon monoxide, Hydrocarbons

Hazardous reactions

Product will not undergo hazardous polymerization.

Pyroil™ BELT DRESSING
PYBD5

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

Acute oral toxicity - Product : no data available

Acute oral toxicity - Components

DISTILLATES (PETROLEUM),
HYDROTREATED LIGHT : LD 50: > 8,000 mg/kg Species: Rat

Acute inhalation toxicity

Acute inhalation toxicity - Product : no data available

Acute inhalation toxicity - Components

DISTILLATES (PETROLEUM),
HYDROTREATED LIGHT : LC 50: > 2500 ppm Exposure time: 4 h Species: Rat

PROPANE : LC 50: > 12190 ppm Exposure time: 4 h Species: Rat

Acute dermal toxicity

Acute dermal toxicity - Product : no data available

Acute dermal toxicity - Components

DISTILLATES (PETROLEUM),
HYDROTREATED LIGHT : LD 50: > 4,000 mg/kg Species: Rabbit

Acute toxicity (other routes of administration)

Acute toxicity (other : no data available

Pyroil™ BELT DRESSING
PYBD5

routes of administration)

12. ECOLOGICAL INFORMATION

Biodegradability

Biodegradability - Product : no data available

Bioaccumulation

Bioaccumulation - Product : no data available

Ecotoxicity effects

Toxicity to fish

Toxicity to fish - Product : no data available

Toxicity to daphnia and other aquatic invertebrates

Toxicity to daphnia and
other aquatic invertebrates
- Product : no data available

Toxicity to algae

Toxicity to algae -
Product : no data available

Toxicity to bacteria

Toxicity to bacteria -
Product : no data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Dispose of in accordance with all applicable local, state and federal regulations.

Pyroil™ BELT DRESSING
PYBD5

14. TRANSPORT INFORMATION

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
-----------	----------------------	---------------	--------------------	---------------	------------------------------

U.S. DOT - ROAD

	ORM-D, CONSUMER COMMODITY	ORM			
--	---------------------------	-----	--	--	--

U.S. DOT - RAIL

	ORM-D, CONSUMER COMMODITY	ORM			
--	---------------------------	-----	--	--	--

U.S. DOT - INLAND WATERWAYS

	ORM-D, CONSUMER COMMODITY	ORM			
--	---------------------------	-----	--	--	--

TRANSPORT CANADA - ROAD

UN	1950	AEROSOLS	2.1		
----	------	----------	-----	--	--

TRANSPORT CANADA - RAIL

UN	1950	AEROSOLS	2.1		
----	------	----------	-----	--	--

TRANSPORT CANADA - INLAND WATERWAYS

UN	1950	AEROSOLS	2.1		
----	------	----------	-----	--	--

INTERNATIONAL MARITIME DANGEROUS GOODS

UN	1950	AEROSOLS	2.1		LIMITED QUANTITY
----	------	----------	-----	--	------------------

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN	1950	Aerosols, flammable	2.1		
----	------	---------------------	-----	--	--

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

UN	1950	Aerosols, flammable	2.1		
----	------	---------------------	-----	--	--

Pyroil™ BELT DRESSING
PYBD5

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

UN	1950	AEROSOLS	2
----	------	----------	---

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SARA Hazard Classification

SARA 311/312 Classification

Acute Health Hazard
Sudden Release of Pressure Hazard
Fire Hazard

New Jersey RTK Label Information

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8
PROPANE	74-98-6
NONHAZARDOUS COMPONENTS	

Pennsylvania RTK Label Information

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8
PROPANE	74-98-6
NONHAZARDOUS COMPONENTS	

Notification status

US. Toxic Substances Control Act	y (positive listing)
Australia. Industrial Chemical (Notification and Assessment) Act	y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	y (positive listing)
Japan. Kashin-Hou Law List	y (positive listing)

Pyroil™ BELT DRESSING
PYBD5

Korea. Toxic Chemical Control Law (TCCL) List	y (positive listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	y (positive listing)
China. Inventory of Existing Chemical Substances	y (positive listing)

	HMIS	NFPA
Health	1	1
Flammability	4	4
Physical hazards	0	
Instability		0
Specific Hazard	--	--

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).