

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

**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	Eagle One™ KEEP CLEAN WHEEL PROTECTOR	
Product code	783333	
Product Use Description	No data	

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

Appearance: liquid, colourless

WARNING! FLAMMABLE LIQUID AND VAPOR. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE EYE IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN AND CAUSE IRRITATION AND BURNS.

**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**

May cause mild skin irritation. Symptoms may include redness and burning of skin. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, skin burns, and other skin damage.

**Ingestion**

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

### **Inhalation**

Breathing of vapor or mist is possible. 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), Kidney

### **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), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), Lowered blood pressure, mild, temporary changes in the liver, effects on heart rate, respiratory depression (slowing of the breathing rate), Lack of coordination, confusion, irregular heartbeat, lung edema (fluid buildup in the lung tissue), kidney damage, 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., Breathing isopropanol vapors has caused damage to the lining of the middle ear in experimental animals. The relevance of this finding to humans is uncertain., 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 a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

### **Reproductive hazard**

This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous Components</b>	<b>CAS-No.</b>	<b>Concentration</b>
ALIPHATIC HYDROCARBONS	64742-88-7	>=80-<90%
ISOPROPANOL	67-63-0	>=15-<20%

### 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. Wash exposed area with soap and water. If 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. Administration of high doses of isopropanol in combination with known hepatotoxic chemicals resulted in enhanced liver toxicity in experimental animals.

**Treatment:** No information available.

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

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

### **Suitable extinguishing media**

Dry chemical, Carbon dioxide (CO<sub>2</sub>), Water spray

### **Hazardous combustion products**

Aldehydes, carbon dioxide and carbon monoxide, Hydrocarbons

### **Precautions for fire-fighting**

Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations near the material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire fighters. 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.

### **NFPA Flammable and Combustible Liquids Classification**

Flammable Liquid Class IB

## **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. Ensure adequate ventilation. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind.

### **Environmental precautions**

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

### **Methods for cleaning up**

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**Other information**

Comply with all applicable federal, state, and local regulations. Suppress (knock down) gases/vapours/mists with a water spray jet.

**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. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as described in National Fire Protection Association document NFPA 77.

**Storage**

Store in a cool, dry, ventilated area, away from incompatible substances. Keep containers closed when not in use. Do not store near extreme heat, open flame, or sources of ignition.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

<b>ISOPROPANOL</b>		<b>67-63-0</b>
ACGIH	time weighted average	200 ppm
ACGIH	Short term exposure limit	400 ppm
NIOSH	Recommended exposure limit (REL):	400 ppm
NIOSH	Recommended exposure limit (REL):	980 mg/m3
NIOSH	Short term exposure limit	500 ppm
NIOSH	Short term exposure limit	1,225 mg/m3
OSHA Z1	Permissible exposure limit	400 ppm
OSHA Z1	Permissible exposure limit	980 mg/m3

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

**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 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.

Wear resistant gloves (consult your safety equipment supplier).

**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**

<b>Physical state</b>	liquid
<b>Form</b>	no data available
<b>Colour</b>	colourless
<b>Odour</b>	pleasantpleasant
<b>Boiling point/boiling range</b>	180.5 °F / 82.5 °C @ 1,013.25 hPa Calculated Phase Transition Liquid/Gas

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

<b>Melting point/range</b>	no data available
<b>Sublimation point</b>	no data available
<b>pH</b>	no data available
<b>Flash point</b>	54 °F / 12 °C
<b>Ignition temperature</b>	no data available
<b>Evaporation rate</b>	no data available
<b>Lower explosion limit/Upper explosion limit</b>	1 %(V) / 12 %(V) Calculated Explosive Limit
<b>Particle size</b>	no data available
<b>Vapour pressure</b>	60.527 hPa @ 77 °F / 25 °C Calculated Vapor Pressure
<b>Relative vapour density</b>	no data available
<b>Density</b>	0.775 g/cm <sup>3</sup> @ 68 °F / 20 °C 6.47 lb/gal
<b>Bulk density</b>	No data
<b>Water solubility</b>	no data available
<b>Solubility(ies)</b>	no data available
<b>Partition coefficient: n-octanol/water</b>	no data available
<b>log Pow</b>	no data available
<b>Autoignition temperature</b>	no data available
<b>Viscosity, dynamic</b>	no data available
<b>Viscosity, kinematic</b>	no data available
<b>Solids in Solution</b>	no data available
<b>Decomposition temperature</b>	no data available
<b>Burning number</b>	no data available
<b>Dust explosion constant</b>	no data available
<b>Minimum ignition energy</b>	no data available

## 10. STABILITY AND REACTIVITY

### Stability

Stable.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible products

Acids, Aldehydes, alkalis, Amines, Ethylene oxide, halogenated hydrocarbons, halogens, isocyanates, Strong oxidizing agents, Do not use with aluminum equipment at temperatures above 120 degrees F.

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

**Hazardous decomposition products**

Aldehydes, carbon dioxide and carbon monoxide, Hydrocarbons

**Hazardous reactions**

Product will not undergo hazardous polymerization.

**Thermal decomposition**

No data

**11. TOXICOLOGICAL INFORMATION**

**Acute oral toxicity**

ALIPHATIC HYDROCARBONS : LD 50 Rat: > 5,000 mg/kg  
ISOPROPANOL : LD 50 Rabbit: 8,000 mg/kg

**Acute inhalation toxicity**

ALIPHATIC HYDROCARBONS : LC 50 Rat: > 5500 ppm; 4 h  
ISOPROPANOL : LC 50 Rat: 16000 ppm; 4 h

**Acute dermal toxicity**

ALIPHATIC HYDROCARBONS : LD 50  
Rabbit:  
> 3,000 mg/kg  
ISOPROPANOL : no data available

**12. ECOLOGICAL INFORMATION**

**Biodegradability**

ALIPHATIC HYDROCARBONS : no data available  
ISOPROPANOL : no data available

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

**Bioaccumulation**

ALIPHATIC HYDROCARBONS : no data available  
ISOPROPANOL : no data available

**Ecotoxicity effects**

**Toxicity to fish**

ALIPHATIC HYDROCARBONS : no data available  
ISOPROPANOL : 96 h LC 50 Fathead minnow (*Pimephales promelas*):  
5,770.00 - 7,450.00 mg/l Method: Flow through;  
Mortality

**Toxicity to daphnia and other aquatic invertebrates.**

ALIPHATIC HYDROCARBONS : no data available  
ISOPROPANOL : 24 h static test LC 50 Water flea (*Daphnia magna*): >  
10,000.00 mg/l Method: Static Mortality

**Toxicity to algae**

ALIPHATIC HYDROCARBONS : no data available  
ISOPROPANOL : no data available

**Toxicity to bacteria**

ALIPHATIC HYDROCARBONS : no data available  
ISOPROPANOL : no data available

**Biochemical Oxygen Demand (BOD)**

ALIPHATIC HYDROCARBONS : no data available  
ISOPROPANOL : no data available

**Chemical Oxygen Demand (COD)**

ALIPHATIC HYDROCARBONS : no data available  
ISOPROPANOL : no data available

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

**Additional ecological information**

ALIPHATIC HYDROCARBONS : no data available  
ISOPROPANOL : no data available

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods**

For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

**14. TRANSPORT INFORMATION**

**REGULATION**

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

**U.S. DOT - ROAD**

UN 1993	Flammable liquids, n.o.s. (ISOPROPANOL, ALIPHATIC PETROLEUM DISTILLATES)	3		II	LIMITED QUANTITY
---------	--	---	--	----	---------------------

**U.S. DOT - RAIL**

UN 1993	Flammable liquids, n.o.s. (ISOPROPANOL, ALIPHATIC PETROLEUM DISTILLATES)	3		II	LIMITED QUANTITY
---------	--	---	--	----	---------------------

**U.S. DOT - INLAND WATERWAYS**

UN 1993	Flammable liquids, n.o.s. (ISOPROPANOL, ALIPHATIC PETROLEUM DISTILLATES)	3		II	LIMITED QUANTITY
---------	--	---	--	----	---------------------

**TRANSPORT CANADA - ROAD**

UN 1993	FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL, ALIPHATIC PETROLEUM DISTILLATES)	3		II	LIMITED QUANTITY
---------	---	---	--	----	---------------------

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

**TRANSPORT CANADA - RAIL**

UN	1993	FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL, ALIPHATIC PETROLEUM DISTILLATES)	3	II	LIMITED QUANTITY
----	------	---	---	----	---------------------

**TRANSPORT CANADA - INLAND WATERWAYS**

UN	1993	FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL, ALIPHATIC PETROLEUM DISTILLATES)	3	II	LIMITED QUANTITY
----	------	---	---	----	---------------------

**INTERNATIONAL MARITIME DANGEROUS GOODS**

UN	1993	FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL, ALIPHATIC PETROLEUM DISTILLATES)	3	II	LIMITED QUANTITY
----	------	---	---	----	---------------------

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

UN	1993	Flammable liquid, n.o.s. (ISOPROPANOL, ALIPHATIC PETROLEUM DISTILLATES)	3	II	LIMITED QUANTITY
----	------	---	---	----	---------------------

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

UN	1993	Flammable liquid, n.o.s. (ISOPROPANOL, ALIPHATIC PETROLEUM DISTILLATES)	3	II	LIMITED QUANTITY
----	------	---	---	----	---------------------

**MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES**

UN	1993	LIQUIDO INFLAMABLE, N.E.P. (ISOPROPANOL, ALIPHATIC PETROLEUM DISTILLATES)	3	II	LIMITED QUANTITY
----	------	--	---	----	---------------------

\*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**

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

**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**

Fire Hazard  
Acute Health Hazard

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**New Jersey RTK Label Information**

ALIPHATIC HYDROCARBONS 64742-88-7  
ISOPROPANOL 67-63-0

**Pennsylvania RTK Label Information**

ALIPHATIC HYDROCARBONS 64742-88-7  
ISOPROPANOL 67-63-0

**Notification status**

US. Toxic Substances Control Act y (positive listing)  
Canada. Canadian Environmental Protection Act (CEPA). y (positive listing)  
Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)  
Australia. Industrial Chemical (Notification and Assessment) Act y (positive listing)  
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand y (positive listing)  
Japan. Kashin-Hou Law List n (Negative listing)  
Korea. Toxic Chemical Control Law (TCCL) List q (quantity restricted)  
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act n (Negative listing)  
China. Inventory of Existing Chemical Substances n (Negative listing)

	<b>HMIS</b>	<b>NFPA</b>
Health	1	1
Flammability	3	3
Physical hazards	0	

Eagle One™ KEEP CLEAN WHEEL  
PROTECTOR  
783333

	<b>HMIS</b>	<b>NFPA</b>
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).