

EAGLE ONE GLOSS BLACK
ENAMEL E12104

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	1-800-ASHLAND (1-800-274-5263)

Product name	EAGLE ONE GLOSS BLACK ENAMEL
Product code	E12104
Product Use Description	No data

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: aerosol, black

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY BE HARMFUL IF INHALED OR SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN, 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

Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, burns and other skin damage. Additional symptoms of skin contact may include: skin blistering
Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

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Ingestion

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 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: respiratory tract, skin, lung (for example, asthma-like conditions), liver, kidney, central nervous system, auditory system, Individuals with preexisting heart disorders maybe more susceptible to arrhythmias (irregular heartbeats) if exposed to high concentrations of this material.

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), metallic taste, central nervous system excitation (giddiness, liveliness, light-headed feeling) followed by central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other central nervous system effects, temporary changes in mood and behavior, Weakness, Lack of coordination, confusion, irregular heartbeat, runny nose, Shortness of breath, Lung irritation, narcosis (dazed or sluggish feeling), lung edema (fluid buildup in the lung tissue), Lowered blood pressure, mild, temporary changes in the liver, effects on heart rate, respiratory depression (slowing of the breathing rate), high blood sugar, kidney damage, 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., This material (or a component) shortens the time of onset or worsens the liver and kidney damage induced by other chemicals., Prolonged intentional toluene abuse may lead to damage to many organ systems having effects on: central and peripheral nervous systems, vision, hearing,

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liver, kidneys, heart and blood. Such abuse has been associated with brain damage characterized by disturbances in gait, personality changes and loss of memory. Comparable central nervous system effects have not been shown to result from occupational exposure to toluene., Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals:, mild, reversible liver effects, mild, reversible kidney effects, cardiac sensitization, respiratory tract damage (nose, throat, and airways), effects on hearing, central nervous system damage, Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans:, cardiac sensitization, kidney damage

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). 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.

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., Toluene may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of toluene during pregnancy can cause birth defects in humans.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Concentration
ACETONE	67-64-1	>=20-<30%
PROPANE	74-98-6	>=15-<20%
TOLUENE	108-88-3	>=15-<20%
BUTANE NORMAL	106-97-8	>=10-<15%
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	64742-89-8	>=5-<10%
ALIPHATIC HYDROCARBON	NJTS# 254504001-5164	>=1.5-<5%
ISOPROPANOL	67-63-0	>=1.5-<5%

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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: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 2 - Swallowing) when deciding whether to induce vomiting. This material (or a component) has produced hyperglycemia and ketosis following substantial ingestion. 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.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water mist, Carbon dioxide (CO₂), Dry chemical

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Hazardous combustion products

May form:, carbon dioxide and carbon monoxide, various 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).

Flammability Class for Flammable Liquids

Flammable Liquid Class IA

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. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Persons not wearing proper personal protective equipment should be excluded from area of spill.

Environmental precautions

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

Methods for cleaning up

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

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. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing impervious protective gloves. As with all products of this nature, good personal hygiene is essential.

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Hands and other exposed areas should be washed thoroughly with soap and water after contact, especially before eating and/or smoking. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material. 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. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors of flammable liquids.

Storage

Do not store in temperatures above 120 degrees F. Store in closed containers in a dry, well-ventilated area. Do not store near extreme heat, open flame, or sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

ACETONE		67-64-1
ACGIH	time weighted average	500 ppm
ACGIH	Short term exposure limit	750 ppm
NIOSH	Recommended exposure limit (REL):	250 ppm
NIOSH	Recommended exposure limit (REL):	590 mg/m3
OSHA Z1	Permissible exposure limit	1,000 ppm
OSHA Z1	Permissible exposure limit	2,400 mg/m3
PROPANE		74-98-6
NIOSH	Recommended exposure limit (REL):	1,000 ppm
NIOSH	Recommended exposure limit (REL):	1,800 mg/m3
OSHA Z1	Permissible exposure limit	1,000 ppm
OSHA Z1	Permissible exposure limit	1,800 mg/m3
OSHA Z1A	time weighted average	1,000 ppm
OSHA Z1A	time weighted average	1,800 mg/m3

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US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	1,000 ppm
US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	1,800 mg/m3
ACGIH	time weighted average	1,000 ppm

TOLUENE **108-88-3**

ACGIH	time weighted average	20 ppm
NIOSH	Recommended exposure limit (REL):	100 ppm
NIOSH	Recommended exposure limit (REL):	375 mg/m3
NIOSH	Short term exposure limit	150 ppm
NIOSH	Short term exposure limit	560 mg/m3
OSHA Z2	time weighted average	200 ppm
OSHA Z2	Ceiling Limit Value:	300 ppm
OSHA Z2	Maximum concentration:	500 ppm

BUTANE NORMAL **106-97-8**

NIOSH	Recommended exposure limit (REL):	800 ppm
NIOSH	Recommended exposure limit (REL):	1,900 mg/m3
OSHA Z1A	time weighted average	800 ppm
OSHA Z1A	time weighted average	1,900 mg/m3
US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	800 ppm
US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	1,900 mg/m3

**SOLVENT NAPHTHA
(PETROLEUM), LIGHT
ALIPHATIC** **64742-89-8**

OSHA Z1	time weighted average	500 ppm
ACGIH	time weighted average	300 ppm
ACGIH	time weighted average	1,370 mg/m3

ALIPHATIC HYDROCARBON **NJTS# 254504001-5164**

ACGIH	time weighted average	200 mg/m3	Non-aerosol
NIOSH	Recommended exposure limit (REL):	100 mg/m3	

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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
Form	aerosol
Colour	black
Odour	No data
Boiling point/boiling range	-47.00 °F / -47 °F @ 760.00 mmHg
pH	No data
Flash point	-2 °F / -19 °C
Evaporation rate	No data
Explosion limits	1.2 %(V) 13.0 %(V)
Vapour pressure	7,999.00 hPa @ 77 °F / 25 °C
Vapour density	No data
Density	0.835 g/cm ³ @ 60 °F / 16 °C
Solubility	No data
Partition coefficient: n-octanol/water	No data
log Pow	no data available
Autoignition temperature	No data

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

Heat, flames and sparks.

Incompatible products

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

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carbon dioxide and carbon monoxide, various hydrocarbons

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION**Acute oral toxicity**

ACETONE	LD 50 Rat: 5,800 mg/kg
PROPANE	no data available
TOLUENE	LD 50 Rat: 2,600 - 7,500 mg/kg
BUTANE NORMAL	LD 50 Rat: > 5 g/kg
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	LD 50 Rat: > 8,000 mg/kg
ALIPHATIC HYDROCARBON	LD 50 Rat: > 8,000 mg/kg
ISOPROPANOL	LD 50 Rat: 4,700 - 5,800 mg/kg

Acute inhalation toxicity

ACETONE	LC 50 Rat: > 16000 ppm, 4 h
PROPANE	LC 50 Rat: > 12190 ppm, 4 h
TOLUENE	LC 50 Rat: 8000 ppm, 4 h
BUTANE NORMAL	LC 50 Rat: 658 mg/l , 4 h
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	LC 50 Rat: 3400 ppm, 4 h
ALIPHATIC HYDROCARBON	LD 50 Rat: > 2500 ppm, 4 h
ISOPROPANOL	LC 50 Rat: 16000 ppm, 4 h

Acute dermal toxicity

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ACETONE	LD 50 Rabbit: > 20,000 mg/kg
PROPANE	no data available
TOLUENE	LD 50 Rabbit: 12,124 mg/kg
BUTANE NORMAL	LD 50 Rabbit: > 3.16 g/kg
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	LD 50 Rat: > 4,000 mg/kg
ALIPHATIC HYDROCARBON	LD 50 Rabbit: > 4,000 mg/kg
ISOPROPANOL	LD 50 Rabbit: 5,030 - 7,900 mg/kg

12. ECOLOGICAL INFORMATION**Aquatic toxicity****Acute and Prolonged Toxicity to Fish**

No data

Acute Toxicity to Aquatic Invertebrates

No data

Environmental fate and pathways

No data

13. DISPOSAL CONSIDERATIONS**Waste disposal methods**

Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. 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.

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14. TRANSPORT INFORMATION

IMDG:

UN1950, AEROSOLS 2.1,

IATA_P:

UN1950, Aerosols, flammable 2.1,

IATA_C:

UN1950, Aerosols, flammable 2.1,

CFR_ROAD:

UN1950, Aerosols 2.1,

CFR_RAIL:

UN1950, Aerosols 2.1,

CFR_INWTR:

UN1950, Aerosols 2.1,

IMDG_ROAD:

UN1950, AEROSOLS 2.1,

IMDG_RAIL:

UN1950, AEROSOLS 2.1,

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

WARNING! This product contains a chemical known in the State of California to cause cancer.

ETHYL BENZENE

WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

TOLUENE

SARA Hazard Classification Acute Health Hazard

SARA 313 Component(s)

TOLUENE	108-88-3	15.92%
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New Jersey RTK Label Information

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ACETONE	67-64-1
CONTENTS PARTIALLY UNKNOWN	
PROPANE	74-98-6
TOLUENE	108-88-3
BUTANE NORMAL	106-97-8
ALIPHATIC HYDROCARBON	NJTS 254504001-5164
ISOPROPANOL	67-63-0

Pennsylvania RTK Label Information

ACETONE	67-64-1
CONTENTS PARTIALLY UNKNOWN	
PROPANE	74-98-6
TOLUENE	108-88-3
BUTANE NORMAL	106-97-8
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	64742-89-8
ALIPHATIC HYDROCARBON	NJTS 254504001-5164
ISOPROPANOL	67-63-0

Reportable quantity - Product

US. EPA CERCLA Hazardous Substances (40 CFR 302)	6281 lbs
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Reportable quantity - Components

ACETONE	67-64-1	5000 lbs
PROPANE	74-98-6	none
TOLUENE	108-88-3	1000 lbs
BUTANE NORMAL	106-97-8	none
SOLVENT NAPHTHA	64742-89-8	none
(PETROLEUM), LIGHT ALIPHATIC		
ALIPHATIC HYDROCARBON	NJTS# 254504001-5164	none
ISOPROPANOL	67-63-0	none

	Health	Flammability	Reactivity	Other
HMIS	2	4	0	
NFPA	2	4	0	

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

ASHLAND
SAFETY DATA SHEET

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circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).