

Painters Pride 37 Xylene 69917

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

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Product Name	Painters Pride 37 Xylene
Product code	69917
Product Use Description	No data

2. HAZARDS IDENTIFICATION**Emergency Overview**

Appearance: liquid,, Colorless

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

Potential Health Effects**Exposure routes**

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

Eye contact

May cause mild eye irritation. Symptoms include stinging, tearing, and redness. Additional symptoms of eye exposure may include: blurred vision

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: 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.

Ingestion

Swallowing this material 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, auditory system, Individuals with preexisting heart disorders maybe more susceptible to arrhythmias (irregular heartbeats) if exposed to high concentrations of this material.

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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 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, effects on memory, respiratory depression (slowing of the breathing rate), Shortness of breath, Lack of coordination, confusion, irregular heartbeat, coma

Target Organs

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, cardiac sensitization, kidney damage, effects on hearing

Carcinogenicity

Ethylbenzene has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. The International Agency for Research on Cancer (IARC) has classified ethylbenzene as a possible human carcinogen. Ethylbenzene has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. The International Agency for Research on Cancer (IARC) has classified ethylbenzene as a possible human carcinogen.

Reproductive hazard

This material (or a component) may be harmful to the human fetus based on positive test results with laboratory animals. This material (or a component) may be harmful to the human fetus based on positive test results with laboratory animals., 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS
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Hazardous Components	CAS-No.	Concentration
XYLENE	1330-20-7	>=70-<80%
ETHYL BENZENE	100-41-4	>=20-<30%

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.

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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. 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.

Treatment: No information available.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Dry chemical, Foam, Carbon dioxide (CO2)

Hazardous combustion products

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).

NFPA Flammable and Combustible Liquids Classification

Flammable Liquid Class IC

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

For personal protection see section 8. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

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. 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. Warning. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without

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the presence of obvious ignition sources. Published "autoignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

Storage

Store in a cool, dry, ventilated area away from sources of heat, moisture, and incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

<u>XYLENE</u>	<u>1330-20-7</u>	
ACGIH	time weighted average	100ppm
ACGIH	Short term exposure limit	150ppm
OSHA Z1	Permissible exposure limit	100 ppm
OSHA Z1	Permissible exposure limit	435 mg/m ³
NIOSH	Recommended exposure limit (REL):	100 ppm
NIOSH	Recommended exposure limit(REL):	435 mg/m ³
NIOSH	Short term exposure limit	150 ppm
NIOSH	Short term exposure limit	655mg/m ³
<u>ETHYLBENZENE</u>	<u>100-41-4</u>	
ACGIH	time weighted average	100ppm
ACGIH	Short term exposure limit	125ppm
NIOSH	Recommended exposure limit (REL):	100 ppm
NIOSH	Recommended exposure limit(REL):	435 mg/m ³
NIOSH	Short term exposure limit	125 ppm
NIOSH	Short term exposure limit	545mg/m ³
OSHA Z1	Permissible exposure limit	100 ppm
OSHA Z1	Permissible exposure limit	435 mg/m ³

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 (consult your safety equipment supplier). Discard gloves that show tears, pinholes, or signs of wear. 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.

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

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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	liquid
Form	No data
Color	Colorless
Odor	mild, aromatic
Boiling point/boiling range	137.00 °C
Melting point/range	-52.60 °F / -47.00 °C
pH	7
Flash point	26.66 °C
Evaporation rate	0.86 (n-Butyl Acetate)
Lower explosion limit/Upper explosion limit	1.0 %(V) / 6.6 %(V)
Vapor pressure	1.065 kPa @ 25 °C
Vapor density	3.66 (AIR=1)
Density	0.87 g/cm ³ @ 68 °F / 20 °C 7.25 lb/gal @ 77 °F / 25 °C
Solubility	negligible in water
Partition coefficient: n-octanol/water	No data
log Pow	3.16
Autoignition temperature	980 °F / 527 °C

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Heat, flames and sparks.

Incompatible products

Strong oxidizing agents

Hazardous decomposition products

carbon dioxide and carbon monoxide, Hydrocarbons

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: LD 50 Rat: 4,300 mg/kg
Acute inhalation toxicity	
XYLENE	: no data available
ETHYL BENZENE	: LC Lo Rat: 4000 ppm, 4 h
Acute dermal toxicity	: LD 50 Rabbit: (>) 2,000 mg/kg

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12. ECOLOGICAL INFORMATION**Biodegradability**

XYLENE : no data available
ETHYL BENZENE : no data available

Bioaccumulation

XYLENE : no data available
ETHYL BENZENE : no data available

Ecotoxicity effects

Toxicity to fish : 96 h LC 50 Fathead minnow (*Pimephales promelas*):
23.53 - 29.97 mg/l
Method: Static
Mortality

Toxicity to daphnia and other aquatic invertebrates. : 24 h LC 50 Water flea (*Daphnia magna*): > 100.00 –
< 1,000.00 mg/l
Method: Static
Mortality

Toxicity to algae

XYLENE : no data available
ETHYL BENZENE : 96 h Growth inhibition *Pseudokirchneriella*
subcapitata (green algae): 3.60 mg/l

Toxicity to bacteria

XYLENE : no data available
ETHYL BENZENE : no data available

Biochemical Oxygen Demand (BOD)

XYLENE : no data available
ETHYL BENZENE : no data available

Chemical Oxygen Demand (COD)

XYLENE : no data available
ETHYL BENZENE : no data available

Additional ecological information

XYLENE : no data available
ETHYL BENZENE : no data available

13. DISPOSAL CONSIDERATIONS**Waste disposal methods**

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

14. TRANSPORT INFORMATION**REGULATION**

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

UN 1307	Xylenes	3		III	
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U.S. DOT - RAIL

UN 1307	Xylenes	3		III	
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U.S. DOT - INLAND WATERWAYS

UN 1307	Xylenes	3		III	
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TRANSPORT CANADA - ROAD

UN 1307	XYLENES	3	III
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TRANSPORT CANADA - RAIL

UN 1307	XYLENES	3	III
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TRANSPORT CANADA - INLAND WATERWAYS

UN 1307	XYLENES	3	III
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INTERNATIONAL MARITIME DANGEROUS GOODS

UN 1307	XYLENES	3	III
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN 1307	Xylenes	3	III
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

UN 1307	Xylenes	3	III
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MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

UN	1307	XILENOS	3	III
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*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**

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

BENZENE
ETHYL BENZENE

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

TOLUENE
BENZENE

SARA Hazard Classification

Fire Hazard
Acute Health Hazard
Chronic Health Hazard

SARA 313 Component(s)

XYLENE	77.00 %
ETHYL BENZENE	22.00 %

New Jersey RTK Label Information

XYLENE	1330-20-7
ETHYL BENZENE	100-41-4

Pennsylvania RTK Label Information

XYLENE	1330-20-7
ETHYL BENZENE	100-41-4

Notification status

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)

SAFETY DATA SHEET

Page: 8
 Revision Date: 01/13/2010
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 MSDS Number: R0004340
 Version: 1.16

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Switzerland. Consolidated Inventory	y (positive listing)
China. Inventory of Existing Chemical Substances	y (positive listing)
Japan. Kashin-Hou Law List	y (positive listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	y (positive listing)
US. Toxic Substances Control Act	y (positive listing)
EU. EINECS	y (positive listing)
Korea. Toxic Chemical Control Law (TCCL) List	y (positive listing)
Japan. Industrial Safety & Health Law (ISHL) List	y (positive listing)
Japan. Kashin-Hou Law List	y (positive listing)
Japan. Industrial Safety & Health Law (ISHL) List	y (positive listing)
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	y (positive listing)
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	y (positive listing)
Switzerland. Consolidated Inventory	y (positive listing)

Reportable quantity - Product

US. EPA CERCLA Hazardous Substances (40 CFR 302)	100 lbs 129
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Reportable quantity-Components

XYLENE	1330-20-7	100 lbs
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	HMIS	NFPA
Health	2*	2
Flammability	3	3
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.