Ortho-Xylene

Safety Data Sheet

according to US HazCom 2024

Issue date: 27 May 2015 Revision date: 26 November 2025 Supersedes: 24 September 2025 Version: 7.1

SECTION 1 Identification

1.1. Product identifier

Product form	:	Substance
Trade name	:	Ortho-Xylene
Chemical name	:	o-xylene
CAS-No.	:	95-47-6
Product code	:	P080
Formula	:	C8H10

1.2. Other means of identification

EC Index No. (Report)	:	601-022-00-9
EC-No.	:	202-422-2

1.3. Recommended use of the chemical and restrictions on use

Recommended use	:	Utilized as reactant for Phthalic anidride's and plasticizer's production. Flexible PVC, dyes, insecticides and pharmaceuticals.

1.4. Supplier's details

Braskem America, Inc.
1735 Market Street
Philadelphia, PA 19103-7583
Tel: (800) 396 - 5251
productsafety@braskem.com

1.5. Emergency phone number

Emergency number	:	CHEMTREC: +1 800 424 9300 (NORTH AMERICA) CHEMTREC International: +1 1-703-527-3887

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid, Category 3	Flammable liquid and vapor.
Acute toxicity (dermal), Category 4	Harmful in contact with skin.
Acute toxicity (inhalation), Category 4	Harmful if inhaled.
Skin corrosion/irritation, Category 2	Causes skin irritation.
Serious eye damage/eye irritation, Category 2	Causes serious eye irritation.
Carcinogenicity, Category 1B	May cause cancer.
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	May cause respiratory irritation.
Aspiration hazard, Category 1	May be fatal if swallowed and enters airways.

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger

Hazard statements (GHS US) : Flammable liquid and vapor
May be fatal if swallowed and enters airways
Harmful in contact with skin or if inhaled
Causes skin irritation

Causes serious eye irritation
May cause respiratory irritation
May cause cancer.

Precautionary statements (GHS US) : Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground/Bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing mist, vapors, spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Store in a well-ventilated place. Keep cool.
If swallowed: Immediately call a poison center or doctor.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
Call a poison center or doctor if you feel unwell.
Wear eye protection, protective clothing, protective gloves.
Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use media other than water to extinguish.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : Harmful to aquatic life with long lasting effects.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Name : o-xylene
CAS-No. : 95-47-6
Concentration : ≥ 98%

Name	Product identifier	%
Isopropylbenzene	CAS-No.: 98-82-8	≤ 0.5

3.2. Mixtures

Not applicable

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of breathing difficulties administer oxygen. Immediately get medical attention.

First-aid measures after skin contact : For even minor contact, immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water. Rinse immediately with plenty of water (for at least 15 minutes). Immediately get medical attention. Discard contaminated clothing.

First-aid measures after eye contact : In case of contact, immediately rinse eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention.

First-aid measures after ingestion : Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Give water to drink if victim completely conscious/alert. Never give anything by mouth to an unconscious person. Do not ingest. If swallowed then seek immediate medical assistance.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : May cause cancer.

Symptoms/effects after inhalation : Harmful if inhaled. May cause respiratory irritation.

Symptoms/effects after skin contact : Harmful in contact with skin. Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways.

Chronic symptoms : Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Note to physician : : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : carbon dioxide (CO_2), dry chemical powder, foam. Water fog.

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapor. On combustion forms: Carbon monoxide. Carbon dioxide. Formaldehyde.

Explosion hazard : Vapors may form explosive mixtures with air. Vapor heavier than air may travel considerable distance to a source of ignition and flash back.

Hazardous decomposition products in case of fire : Thermal decomposition may produce : Carbon oxides (CO, CO_2). Formaldehyde.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Do not approach fire except upwind and only with proper skin and respiratory protection (supplied air only). Cool closed containers exposed to fire with water spray.

Protection during firefighting : Extra personal protection: complete protective clothing including self-contained breathing apparatus. In case of fire: Wear self-contained breathing apparatus. Refer to chapter 8.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate unnecessary personnel. Ventilate spillage area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Eliminate every possible source of ignition. Avoid contact with spilled material. Take precautionary measures against static discharge. Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapors, spray.

For non-emergency personnel

Protective equipment	:	Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Keep away from heat/sparks/open flames/hot surfaces. No smoking.

For emergency responders

Protective equipment	:	Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Eliminate leaks immediately. Eliminate all ignition sources if safe to do so. Ventilate affected area. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions	:	Use water spray jet to minimise or disperse vapors. Do not flush down sewers. Do not allow run-off from fire fighting to enter drains or water courses. Collect contaminated extinguishing water separately and must not enter the sewage system. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

6.2. Methods and materials for containment and cleaning up

For containment	:	Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).
Methods for cleaning up	:	Prevent spread over a wide area (e.g. by containment or oil barriers). Collect spillage. Store away from other materials.
Other information	:	Bioremediation of contaminated water bodies using granulated activated charcoal has been demonstrated to be the best method of removal from contaminated water bodies. Recovery and remediation of polluted soil and water can be accomplished through the Fenton reaction.

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Use grounded electrical/mechanical equipment. Provide earthing of containers, equipment, pumps and ventilation facilities. Ground/bond container and receiving equipment. Avoid producing mist or vapors by heating of opened receptacle/container. Avoid contact with skin, eyes and clothing. Avoid breathing mist, spray, vapors. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers.
Hygiene measures	:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use good personal hygiene practices. Separate working clothes from town clothes. Launder separately.
Additional hazards when processed	:	Handle empty containers with care because residual vapors are flammable.

7.2. Conditions for safe storage, including incompatibilities

Technical measures	:	Ensure adequate ventilation. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use only non-sparking tools.
Storage conditions	:	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep in original containers closed. Keep stored the least quantity possible. Store in dry, cool, well-ventilated area. Store locked up. Keep container closed when not in use.
Incompatible materials	:	Oxidizing agents. Strong acid. Halogenated compounds.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

o-xylene (95-47-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	o-Xylene (1,2-Dimethylbenzene)
ACGIH® TLV® TWA	20 ppm
Remark (ACGIH®)	TLV® Basis: Eye & URT irr; CNS impair; Hematologic eff. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
USA - ACGIH - Biological Exposure Indices	
Local name	o-Xylene (1,2-Dimethylbenzene)
BEI	0.3 g/g Kreatinin Parameter: Methylhippuric acids - Medium: urine - Sampling time: End of shift
Remark	Commercial or technical grade xylenes consist of mixtures of isomers and significant amounts of ethyl benzene as indicated under "Properties." Because ethyl benzene is known to reduce the metabolism of xylenes to methylhippuric acids, the BEI applies to technical or commercial grades of xylenes only. The determinants refer to the total of all isomers of methylhippuric acids
Regulatory reference	ACGIH 2025

Isopropylbenzene (98-82-8)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Cumene
ACGIH® TLV® TWA	25 mg/m³
	5 ppm
Remark (ACGIH®)	TLV® Basis: URT adenoma; neurological eff. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH® chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	Cumene
OSHA PEL TWA	245 mg/m³
	50 ppm
Limit value category (OSHA)	prevent or reduce skin absorption
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - Cal/OSHA - Occupational Exposure Limits	
Local name	Cumene; isopropylbenzene
Cal/OSHA PEL (OEL TWA)	5 mg/m³
Remark (Cal/OSHA)	S - Skin notation and Protecting Clothing
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)

Isopropylbenzene (98-82-8)	
USA - NIOSH - Occupational Exposure Limits	
Local name	Cumene
NIOSH REL TWA	245 mg/m³
	50 ppm
NIOSH REL 10h TWA	50 ppm
US-NIOSH chemical category	Potential for dermal absorption
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize vapor concentrations. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. All equipment used when handling the product must be grounded. Use only non-sparking tools. Use explosion-proof electrical equipment.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:
Avoid all unnecessary exposure.

Hand protection:

Impermeable protective gloves. Do not reuse gloves. It is recommended that the glove supplier be consulted to ensure the protective gloves are resistant to chemicals in this product

Type	Material	Permeation	Thickness (mm)	Penetration
Disposable gloves, E.g. KCL Type: 730 or equivalent	Viton	<480 Minutes.	0.7	Not known

Eye protection:

Chemical goggles or face shield with safety glasses. Use eye protection according to ISO 16321-1.

Skin and body protection:

Use protective coverall. Boots made of PVA

Respiratory protection:

Approved organic vapor respirator. An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used when vapor concentration exceeds applicable exposure limits. Consult a national health and safety authority for further guidance

Device	Filter type	Condition
Full face mask, with cartridge/filter	A	Concentrations exceed max allowed workplace atmospheric concentrations.

Other information:
Do not eat, drink or smoke during use.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid
Appearance : Clear.

Color	:	Colorless
Odor	:	Aromatic
Odor threshold	:	No data available
pH	:	No data available
Melting point	:	-25 °C
Freezing point	:	No data available
Boiling point	:	144.4 °C
Flash point	:	32 °C (Closed cup)
Relative evaporation rate (ether=1)	:	0.7
Flammability (solid, gas)	:	Flammable liquid and vapor
Vapor pressure	:	0.7 kPa (20 °C)
Relative vapor density at 20°C	:	3.7
Relative density	:	0.88
Density	:	0.87 – 0.88 g/m³ (20/4°C)
Molecular mass	:	106.16 g/mol
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	3.12 (at 20 °C (at pH 7)
Auto-ignition temperature	:	463 °C
Decomposition temperature	:	No data available
Viscosity, kinematic	:	0.66 mm²/s (25 °C)
Viscosity, dynamic	:	0.81 mPa·s (20 °C)
Explosion limits	:	0.9 – 6.7 vol %
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

Flammable liquid and vapor. Heavier than air, vapors may travel long distances along ground, ignite and flash back to source.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

Flammable or explosive vapor/air mixtures may be formed. Hazardous reactions may occur on contact with certain chemicals. (Refer to the list of incompatible materials section 10: "Stability-Reactivity").

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid static electricity discharges.

10.5. Incompatible materials

oxidizing agents. Strong acids. Halogenated compounds.

10.6. Hazardous decomposition products

Thermal decomposition may produce : Carbon oxides (CO, CO2). Formaldehyde.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Harmful in contact with skin.
Acute toxicity (inhalation)	:	Harmful if inhaled.

o-xylene (95-47-6)	
LD50 oral rat	3608 mg/kg (Source: JAPAN_GHS)
LD50 dermal rabbit	12126 mg/kg
LC50 Inhalation - Rat	27124 mg/m³
ATE US (dermal)	1100 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

Isopropylbenzene (98-82-8)	
LD50 oral rat	1400 mg/kg (Source: JAPAN_GHS)
LD50 oral	3503 mg/kg
LD50 dermal rabbit	12300 µl/kg (Source: NLM_CIP)
LD50 dermal	> 3160 mg/kg body weight
LC50 Inhalation - Rat [ppm]	> 3577 ppm (Exposure time: 6 h Source: JAPAN_GHS)
LC50 Inhalation - Rat (Dust/Mist)	40000 mg/l
ATE US (oral)	1400 mg/kg body weight
ATE US (dermal)	12300 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : May cause cancer.

Isopropylbenzene (98-82-8)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicity Program (NTP) Status	Reasonably anticipated to be Human Carcinogen, Evidence of Carcinogenicity
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : May cause respiratory irritation.

Isopropylbenzene (98-82-8)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

o-xylene (95-47-6)	
NOAEL (oral,rat,90 days)	250 mg/kg bodyweight/day

Aspiration hazard : May be fatal if swallowed and enters airways.

o-xylene (95-47-6)	
Viscosity, kinematic	0.66 mm²/s (25 °C)

Isopropylbenzene (98-82-8)	
Viscosity, kinematic	0.74 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)'

Symptoms/effects : May cause cancer.

Symptoms/effects after inhalation	:	Harmful if inhaled. May cause respiratory irritation.
Symptoms/effects after skin contact	:	Harmful in contact with skin. Causes skin irritation.
Symptoms/effects after eye contact	:	Causes serious eye irritation.
Symptoms/effects after ingestion	:	May be fatal if swallowed and enters airways.
Chronic symptoms	:	Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Other information	:	Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute)	:	Not a OSHA HazCom 2024 hazard endpoint
Hazardous to the aquatic environment, long–term (chronic)	:	Not a OSHA HazCom 2024 hazard endpoint

12.2. Persistence and degradability

o-xylene (95-47-6)	
Persistence and degradability	Readily biodegradable. not persistent.
BOD (% of ThOD)	50 % ThOD (23 d)

Isopropylbenzene (98-82-8)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

o-xylene (95-47-6)	
BCF - Fish [1]	(21.4 dimensionless (xylene from crude oil)
Partition coefficient n-octanol/water (Log Pow)	3.12 (at 20 °C (at pH 7)
Bioaccumulative potential	not bioaccumulable.

Isopropylbenzene (98-82-8)	
BCF - Fish [1]	(35.5 dimensionless)
Partition coefficient n-octanol/water (Log Pow)	3.55 (at 23 °C)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	:	Not a OSHA HazCom 2024 hazard endpoint
Fluorinated greenhouse gases	:	No

SECTION 13 Disposal considerations

Regional legislation (waste)	:	Dispose of contents/container to comply with applicable local, national and international regulations. Consult the appropriate authorities about waste disposal.
Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector’s sorting instructions.
Sewage disposal recommendations	:	The adequately treated and biorremediated effluents may be discarded into water bodies.
Product/Packaging disposal recommendations	:	Dispose of this material and its container at hazardous or special waste collection point.
Additional information	:	Flammable vapors may accumulate in the container. Do not re-use empty containers. Handle empty containers with care because residual vapors are flammable.
Ecological waste information	:	Avoid release to the environment.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
UN1307	UN1307	1307	1307
14.2. Proper Shipping Name			
Xylenes	XYLENES	XYLENES	Xylenes
14.3. Transport hazard class(es)			
3	3	3	3
			
14.4. Packing group			
III	III	III	III
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available			

14.6. Transport in bulk

IBC code : Applicable.
IBC product name : Xylenes.
Ship type : Type 2
Pollutant category : Y

14.7. Special precautions for user

DOT

UN-No. (DOT) : UN1307
DOT Special Provisions (49 CFR 172.102) : B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.
IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T2 - 1.5 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
DOT Packaging Exceptions (49 CFR 173.xxx) : 150
DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	220 L
DOT Vessel Stowage Location	:	A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.

TDG

UN-No. (TDG)	:	UN1307
Explosive Limit and Limited Quantity Index	:	5 L
Excepted quantities (TDG)	:	E1
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	:	60 L
Emergency Response Guide (ERG) Number	:	130

IMDG

Special provision (IMDG)	:	223
Limited quantities (IMDG)	:	5 L
Excepted quantities (IMDG)	:	E1
Packing instructions (IMDG)	:	P001, LP01
IBC packing instructions (IMDG)	:	IBC03
Tank instructions (IMDG)	:	T2
Tank special provisions (IMDG)	:	TP1
EmS-No. (Fire)	:	F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	:	S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS
Stowage category (IMDG)	:	A
Flash point (IMDG)	:	23°C to 30°C c.c.
Properties and observations (IMDG)	:	Colorless liquids. Flashpoint: 23°C to 30°C c.c. Explosive limits: 1.1% to 7%. Immiscible with water.

IATA

Special provision (IATA)	:	A3
PCA Excepted quantities (IATA)	:	E1
PCA Limited quantities (IATA)	:	Y344
PCA limited quantity max net quantity (IATA)	:	10L
PCA packing instructions (IATA)	:	355
PCA max net quantity (IATA)	:	60L
CAO packing instructions (IATA)	:	366
CAO max net quantity (IATA)	:	220L
ERG code (IATA)	:	3L

SECTION 15 Regulatory information

15.1. Federal regulations

o-xylene (95-47-6)	
Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	1000 lb

Commercial status of components according to the United States Environmental Protection Agency’s Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Isopropylbenzene	98-82-8	Present	Active	

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.		
Isopropylbenzene	CAS-No. 98-82-8	≤ 0.5%

Isopropylbenzene (98-82-8)	
Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	5000 lb

15.2. International regulations

No additional information available

15.3. State regulations

o-xylene (95-47-6)	
State or local regulations	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

WARNING: This product can expose you to Cumene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
Isopropylbenzene(98-82-8)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

SECTION 16 Other information

according to US HazCom 2024

Revision date : 26 November 2025
Issue date : 27 May 2015
Other information : None.

Safety Data Sheet (SDS), USA - Braskem

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. It warns that the handling of any chemical substance requires the previous knowledge of its hazards for the user. It is up to the user of the product company providing this SDS to and promote the training of its employees about possible risks come upon of the product. The information contained herein is not absolute, but only general information on the use of the chemical and indication of safety and security measures.