

**BYK-P 104 S SG**

Version 1

Revision Date 05/17/2026

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**SECTION 1. IDENTIFICATION**

Product name : BYK-P 104 S SG

**Manufacturer or supplier's details**Company : BYK USA LLC  
524 South Cherry Street  
Wallingford CT 06492

Telephone : (203) 265-2086

Visit our web site : [www.byk.com](http://www.byk.com)E-mail address : [BRIEF.BYK.NAFTA@altana.com](mailto:BRIEF.BYK.NAFTA@altana.com)Emergency telephone : 203-265-2086; CHEMTREC 1-800-424-9300 / +1  
number 703-527-3887**Recommended use of the chemical and restrictions on use**

Recommended use : Wetting &amp; Dispersing Additive

Restrictions on use : Refer to Section 15 for any restrictions that may apply

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Flammable liquids : Category 3

Eye irritation : Category 2B

Respiratory sensitisation : Category 1

Skin sensitisation : Category 1

Carcinogenicity : Category 2

Reproductive toxicity : Category 2

Specific target organ toxicity : Category 3 (Central nervous system)  
- single exposureSpecific target organ toxicity : Category 2 (Kidney, Liver)  
- repeated exposure**GHS label elements**

Hazard pictograms :



Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.

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H317 May cause an allergic skin reaction.  
H320 Causes eye irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H361 Suspected of damaging fertility or the unborn child.  
H373 May cause damage to organs (Kidney, Liver) through prolonged or repeated exposure.

## Precautionary statements

: **Prevention:**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P285 In case of inadequate ventilation wear respiratory protection.

**Response:**

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P363 Wash contaminated clothing before reuse.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container

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tightly closed.  
 P403 + P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
**Disposal:**  
 P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture  
 Chemical nature : Solution of a lower molecular weight unsaturated polycarboxylic acid polymer and a polysiloxane copolymer

#### Hazardous components

Component	CAS-No.	Concentration (%)
Fatty acids, sunflower-oil, conjugated, reaction products with maleic anhydride and tall-oil fatty acids	85711-46-2	>= 30 - < 60
Xylene	1330-20-7	>= 30 - < 60
Ethyl benzene	100-41-4	>= 5 - < 10
2,6-Dimethylheptan-4-one	108-83-8	>= 1 - < 5
Cumene	98-82-8	>= 0.1 - < 1
Maleic anhydride	108-31-6	>= 0.1 - < 1
Toluene	108-88-3	>= 0.1 - < 1

The specific chemical identity/weight percent of proprietary ingredient(s) is a trade secret

### SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
 Show this safety data sheet to the doctor in attendance.  
 Do not leave the victim unattended.

If inhaled : Call a physician or poison control centre immediately.  
 If unconscious, place in recovery position and seek medical advice.

In case of skin contact : If on skin, rinse well with water.  
 If on clothes, remove clothes.

In case of eye contact : Immediately flush eye(s) with plenty of water.  
 Remove contact lenses.  
 Protect unharmed eye.  
 Keep eye wide open while rinsing.  
 If eye irritation persists, consult a specialist.

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If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Neutralize with chalk, alkali solution or ammonia.  
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).

### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid formation of aerosol.

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Do not breathe vapours/dust.  
 Avoid contact with skin and eyes.  
 For personal protection see section 8.  
 Smoking, eating and drinking should be prohibited in the application area.  
 Take precautionary measures against static discharges.  
 Provide sufficient air exchange and/or exhaust in work rooms.  
 Open drum carefully as content may be under pressure.  
 Dispose of rinse water in accordance with local and national regulations.  
 Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage : No smoking.  
 Keep container tightly closed in a dry and well-ventilated place.  
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
 Observe label precautions.  
 Electrical installations / working materials must comply with the technological safety standards.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Xylene	1330-20-7	TWA	100 ppm 435 mg/m <sup>3</sup>	OSHA Z-1
Xylene		STEL	150 ppm 655 mg/m <sup>3</sup>	OSHA P0
Xylene		TWA	100 ppm 435 mg/m <sup>3</sup>	OSHA P0
Xylene		TWA	20 ppm	ACGIH
Ethyl benzene	100-41-4	TWA	20 ppm	ACGIH
Ethyl benzene		TWA	100 ppm 435 mg/m <sup>3</sup>	OSHA Z-1
Ethyl benzene		TWA	100 ppm 435 mg/m <sup>3</sup>	OSHA P0
Ethyl benzene		STEL	125 ppm 545 mg/m <sup>3</sup>	OSHA P0
Ethyl benzene		ST	125 ppm 545 mg/m <sup>3</sup>	NIOSH REL
2,6-Dimethylheptan-4-one	108-83-8	TWA	25 ppm	ACGIH
2,6-Dimethylheptan-4-one		TWA	50 ppm 290 mg/m <sup>3</sup>	OSHA Z-1
Cumene	98-82-8	TWA	5 ppm	ACGIH

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Cumene		TWA	50 ppm 245 mg/m <sup>3</sup>	OSHA Z-1
Cumene		TWA	50 ppm 245 mg/m <sup>3</sup>	OSHA P0
Maleic anhydride	108-31-6	TWA	0.25 ppm 1 mg/m <sup>3</sup>	OSHA Z-1
Maleic anhydride		TWA	0.25 ppm 1 mg/m <sup>3</sup>	NIOSH REL
Maleic anhydride		TWA (Inhalable fraction and vapor)	0.01 mg/m <sup>3</sup>	ACGIH
Toluene	108-88-3	TWA	20 ppm	ACGIH
Toluene		TWA	200 ppm	OSHA Z-2
Toluene		CEIL	300 ppm	OSHA Z-2
Toluene		Peak	500 ppm	OSHA Z-2
Toluene		TWA	100 ppm 375 mg/m <sup>3</sup>	OSHA P0
Toluene		STEL	150 ppm 560 mg/m <sup>3</sup>	OSHA P0

Hazardous components without workplace control parameters

**Personal protective equipment**

- Respiratory protection : In the case of vapour formation use a respirator with an approved filter.
- Hand protection  
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles
- Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state : liquid
- Colour : light brown
- Odour : aromatic
- pH : 4, Concentration: 1 % (68 °F (20 °C)) Method: Universal pH-value indicator
- Melting point/ range : < 32 °F (< 0 °C)  
Method: derived
- Initial boiling point : 278.60 °F (137.00 °C)

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	Method: derived
Vapour pressure	: 9 hPa (68.00 °F (20.00 °C)) Method: derived
Flash point	: 82.40 °F (28.00 °C) Method: 48 (Abel-Pensky) DIN 51755
Density	: 0.9450 g/cm <sup>3</sup> (68.00 °F (20.00 °C)) Method: 4 (20°C oscillating U-tube)
Solubility(ies) Water solubility	: immiscible
Partition coefficient: n- octanol/water	: No data available
Ignition temperature	: > 392 °F (> 200 °C) Method: DIN 51794
Viscosity Viscosity, dynamic	: No data available
Viscosity, kinematic	: 40 mm <sup>2</sup> /s (104 °F (40 °C))

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: No decomposition if stored and applied as directed.  Vapours may form explosive mixture with air.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Strong oxidizing agents Strong acids
Hazardous decomposition products	: No decomposition if stored and applied as directed.

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Inhalation  
Ingestion  
Eye contact  
Skin contact

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**Acute toxicity****Product:**

Acute oral toxicity : LD50 (Rat, male and female): > 3,500.000000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes

Acute inhalation toxicity : Acute toxicity estimate : 24.82 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : 4,417 mg/kg  
Method: Calculation method

**Components:****85711-46-2 Fatty acids, sunflower-oil, conjugated, reaction products with maleic anhydride and tall-oil fatty acids:**

Acute oral toxicity : LD50 (Rat, female): > 2,000 mg/kg  
Method: OECD Test Guideline 423  
GLP: yes

**1330-20-7 Xylene:**

Acute oral toxicity : LD50 (Rat): 4,300 mg/kg  
Method: EC Directive 92/69/EEC B.1 Acute Toxicity (Oral)  
GLP: no

Acute inhalation toxicity : LC50 (Rat): 5000 ppm  
Exposure time: 4 h

Acute dermal toxicity : LD50 (Rabbit): 1,700 mg/kg  
  
LD50 (Rabbit): > 4,200 mg/kg  
GLP: No information available.

**100-41-4 Ethyl benzene:**

Acute oral toxicity : LD50 (Rat): 3,500 mg/kg

Acute dermal toxicity : LD50 (Rabbit): 5,510 mg/kg

**108-83-8 2,6-Dimethylheptan-4-one:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes

Acute inhalation toxicity : LC50 (Rat): > 14 mg/l  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
GLP: no

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg

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Method: OECD Test Guideline 402  
GLP: yes

**98-82-8 Cumene:**

Acute oral toxicity : LD50 (Rat): 1,400 mg/kg

Acute inhalation toxicity : LC50 : Remarks: No data available

Acute dermal toxicity : LD50 : Remarks: No data available

**108-31-6 Maleic anhydride:**

Acute oral toxicity : LD50 (Rat, male and female): 1,090 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rabbit): 398 mg/kg

LD50 (Rabbit, female): 2,620 mg/kg  
GLP: No information available.

**108-88-3 Toluene:**

Acute oral toxicity : LD50 (Rat): 2,600 mg/kg

**Skin corrosion/irritation****Product:**

Remarks: May cause skin irritation and/or dermatitis.

Species: Rabbit

Assessment: No skin irritation

Method: OECD Test Guideline 404

Result: No skin irritation

**Components:****85711-46-2 Fatty acids, sunflower-oil, conjugated, reaction products with maleic anhydride and tall-oil fatty acids:**

Species: EPISKIN human epidermis skin constructs

Assessment: Irritating to skin.

Method: OECD Test Guideline 439

Result: Irritating to skin.

GLP: yes

**1330-20-7 Xylene:**

Species: Rabbit

Result: Moderate skin irritation

**100-41-4 Ethyl benzene:**

Species: Rabbit

Result: Moderate skin irritation

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**108-83-8 2,6-Dimethylheptan-4-one:**

Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

GLP: yes

**108-31-6 Maleic anhydride:**

Species: Rabbit

Method: No information available.

Result: Corrosive to skin

GLP: no

**Serious eye damage/eye irritation****Product:**

Species: Rabbit

Result: Mild eye irritation

Method: OECD Test Guideline 405

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

**Components:****85711-46-2 Fatty acids, sunflower-oil, conjugated, reaction products with maleic anhydride and tall-oil fatty acids:**

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

GLP: yes

**1330-20-7 Xylene:**

Species: Rabbit

Result: Eye irritation

**100-41-4 Ethyl benzene:**

Species: Rabbit

Result: Moderate eye irritation

**108-83-8 2,6-Dimethylheptan-4-one:**

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

GLP: no

**108-31-6 Maleic anhydride:**

Species: Rabbit

Result: Corrosive to eyes

GLP: yes

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**Respiratory or skin sensitisation****Product:**

Remarks: Causes sensitisation.

**Components:****85711-46-2 Fatty acids, sunflower-oil, conjugated, reaction products with maleic anhydride and tall-oil fatty acids:**

Test Type: Mouse Local Lymph Node assay (LLNA)

Species: Mouse

Assessment: May cause sensitisation by skin contact.

Method: OECD Test Guideline 429

Result: May cause sensitisation by skin contact.

GLP: yes

**108-83-8 2,6-Dimethylheptan-4-one:**

Test Type: Maximisation Test

Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Not a skin sensitizer.

GLP: yes

**108-31-6 Maleic anhydride:**

Test Type: Buehler Test

Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Causes sensitisation.

GLP: yes

**Germ cell mutagenicity****Product:**

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

**Components:****85711-46-2 Fatty acids, sunflower-oil, conjugated, reaction products with maleic anhydride and tall-oil fatty acids:**

Genotoxicity in vitro : Test Type: Ames test  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative  
GLP: yes

: Test Type: In vitro mammalian cell gene mutation test (mouse lymphoma)

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Metabolic activation: with and without metabolic activation  
 Method: OECD Test Guideline 476  
 Result: negative  
 GLP: yes

: Test Type: Chromosome aberration test in vitro  
 Metabolic activation: with and without metabolic activation  
 Method: OECD Test Guideline 473  
 Result: negative  
 GLP: yes

**Carcinogenicity**
**Product:**

Remarks: No data available

**IARC**

Group 2B: Possibly carcinogenic to humans

Ethyl benzene 100-41-4

Cumene 98-82-8

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

Reasonably anticipated to be a human carcinogen

Cumene 98-82-8

**Reproductive toxicity**
**Product:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

**Components:**
**85711-46-2 Fatty acids, sunflower-oil, conjugated, reaction products with maleic anhydride and tall-oil fatty acids:**

Effects on fertility :  
 Species: Rat  
 Sex: male and female  
 Application Route: Oral  
 NOAEL: 1,000 mg/kg,  
 F1: > 1,000 mg/kg,  
 Method: OECD Test Guideline 422  
 GLP: yes

Effects on foetal : Species: Rat

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development

Application Route: Oral  
> 1,000 mg/kg  
1,000 mg/kg  
Method: OECD Test Guideline 422  
GLP: yes

**STOT - single exposure****Product:**

Remarks: No data available

**STOT - repeated exposure****Product:**

Remarks: No data available

**Repeated dose toxicity****Product:**

Remarks: Absorption of ingredients (solvents) by inhalation and/or repeated skin contact has caused injury to liver, kidney, brain, respiratory system, blood, and/or bone marrow in laboratory animals

Animal studies have shown Xylene to cause fetotoxic effects at dosage levels at or near maternal toxicity levels.

Excessive inhalation of Xylene has caused hearing loss in laboratory animals. Hexane used in conjunction w/Xylene greatly increased this effect. Chronic skin contact w/Xylene has caused dermatitis. Ingestion of Ethanol can increase effects of overexposure to Xylene.

Ethylbenzene is an IARC Group 2B carcinogen based on animal studies (increased tumors in rats and mice).

Prolonged exposure to respirable aerosols (mists) of polyalkylene glycol has caused lung damage in rats (90 days; 0.3 mg/m<sup>3</sup>).

Remarks: No data available

**Components:****85711-46-2 Fatty acids, sunflower-oil, conjugated, reaction products with maleic anhydride and tall-oil fatty acids:**

Species: Rat, male and female

NOAEL: 1,000 mg/kg

Application Route: Oral

Method: OECD Test Guideline 422

GLP: yes

Target Organs: Stomach

**Aspiration toxicity****Product:**

No data available

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**Experience with human exposure**
**Product:**

Inhalation:

Symptoms:

High concentrations of vapors may be irritating to the respiratory tract. May cause headaches, dizziness, nausea and vomiting. May cause CNS depression (drowsiness, loss of coordination and fatigue)., May cause respiratory tract sensitization.

Skin contact:

Symptoms:

Contact may cause irritation and sensitization.

Eye contact:

Symptoms:

Contact will probably cause irritation.

Ingestion:

Symptoms:

May irritate the digestive tract and cause same symptoms as inhalation; high dosages may result in unconsciousness.

**Further information**
**Product:**

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

**SECTION 12. ECOLOGICAL INFORMATION**
**Ecotoxicity**
**Product:**

Toxicity to fish

:

Remarks: No data available

Toxicity to daphnia and other  
aquatic invertebrates

:

Remarks: No data available

**Persistence and degradability**
**Product:**

Biodegradability

:

Remarks: No data available

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**Bioaccumulative potential**
**Product:**

Bioaccumulation : Remarks: No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Product:**

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

**SECTION 13. DISPOSAL CONSIDERATIONS**
**Disposal methods**

 EPA Hazardous Waste Code(s) : D001: Ignitable  
D018: Benzene

 Waste from residues : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

 Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

**SECTION 14. TRANSPORT INFORMATION**
**International Regulations**
**IATA-DGR**

 UN/ID No. : UN 1993  
 Proper shipping name : Flammable liquid, n.o.s.  
(Xylene, Diisobutyl ketone)  
 Class : 3  
 Packing group : III  
 Labels : Flammable Liquids  
 Packing instruction (cargo aircraft) : 366

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Packing instruction : 355  
(passenger aircraft)

**IMDG-Code**

UN number : UN 1993  
 Proper shipping name : FLAMMABLE LIQUID, N.O.S.  
 (XYLENE, Diisobutyl ketone)  
 : )  
 Class : 3  
 Packing group : III  
 Labels : 3  
 EmS Code : F-E, S-E  
 Marine pollutant : no  
 Remarks : IMDG Code segregation group - none

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations**
**49 CFR**

UN/ID/NA number : UN 1993  
 Proper shipping name : Flammable liquids, n.o.s.  
 (Xylene, Diisobutyl ketone)  
 Class : 3  
 Packing group : III  
 Labels : FLAMMABLE LIQUID  
 ERG Code : 128  
 Marine pollutant : no

**SECTION 15. REGULATORY INFORMATION**
**EPCRA - Emergency Planning and Community Right-to-Know Act**
**US. EPA CERCLA Hazardous Substances (40 CFR 302)**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Xylene	1330-20-7	100	280

**SARA 304 - Emergency Release Notification**

Calculated RQ exceeds reasonably attainable upper limit.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)**

Calculated RQ exceeds reasonably attainable upper limit.

**SARA 311/312 Hazards** : Per the June 13, 2016 Federal Register notice, EPA harmonized the EPCRA 311/312 hazard categories with the 2012 OSHA hazard communication standard for classifying

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and labeling of chemicals (i.e. GHS). Please refer to Section 2 of the SDS to identify the appropriate hazard categories for reporting purposes.

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Xylene	1330-20-7	35.7 %
Ethyl benzene	100-41-4	8.5 %
Cumene	98-82-8	.4 %

**Clean Air Act**

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

Xylene	1330-20-7	35.7 %
Ethyl benzene	100-41-4	8.5 %

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMII Intermediate or Final VOC's (40 CFR 60.489):

Xylene	1330-20-7	35.7 %
Ethyl benzene	100-41-4	8.5 %

Non-volatile (Wt) : 48 - 52 %  
 Method: 22 (10min/150°C)  
 DIN EN ISO 3251  
 Non-volatile information is not a specification.

**US State Regulations**
**Massachusetts Right To Know**

Xylene	1330-20-7
Ethyl benzene	100-41-4
2,6-Dimethylheptan-4-one	108-83-8
Benzene	71-43-2
Propylene oxide	75-56-9

**Pennsylvania Right To Know**

Fatty acids, sunflower-oil, conjugated,	85711-46-2
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reaction products with maleic anhydride and tall-oil fatty acids	
Xylene	1330-20-7
Ethyl benzene	100-41-4
Oxirane, Me, polymer with oxirane monobutyl ether (polyalkylene glycol)	9038-95-3
2,6-Dimethylheptan-4-one	108-83-8
Cumene	98-82-8
Maleic anhydride	108-31-6
Toluene	108-88-3

**New Jersey Right To Know**

**New Jersey Trade Secret Registry Number for the product (NJ TSRN)** : 800963-6455

**California Prop. 65**

**⚠ WARNING:** This product can expose you to chemicals including Ethyl benzene, Cumene, Benzene, Propylene oxide, Acetaldehyde, Formaldehyde, Ethylene oxide, 1,4-Dioxane, which is/are known to the State of California to cause cancer, and Toluene, Benzene, Ethylene oxide, Methanol, Chloromethane, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**The components of this product are reported in the following inventories:**

TSCA	: All substances listed as active on the TSCA inventory
Section 5a	: No substances are subject to a Significant New Use Rule.
Section 4 / 12(b)	: No substances are subject to TSCA 12(b) export notification requirements.
DSL	: We certify that all of the components of this product are listed on the DSL.

**SECTION 16. OTHER INFORMATION**

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.