

# Safety data sheet

## LIMCO SUPREME PLUS BASECOATS

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(523105/CDU\_GEN\_US/EN)

### 1. Substance/preparation and company identification

Company

BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

### 2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard;  
29 CFR Part 1910.1200

Classification of the product

|  |   |
|--|---|
| Skin corrosion/irritation                        | 2   |
| Serious eye damage/eye irritation                | 2A  |
| Skin sensitization                               | 1   |
| Germ cell mutagenicity                           | 1   |
| Carcinogenicity                                  | 1   |
| Reproductive toxicity                            | 1 unborn child                                |
| Reproductive toxicity                            | 2 fertility                                   |
| Specific target organ toxicity – single exposure | 3 irritating to respiratory system            |
| Specific target organ toxicity – single exposure | 3 Vapours may cause drowsiness and dizziness. |
| Specific target organ toxicity – repeated exposu | 2 Auditory organ                              |
| Specific target organ toxicity – repeated exposu | 2 Blood                                       |
| Specific target organ toxicity – repeated exposu | 2 Central nervous system                      |
| Specific target organ toxicity – repeated exposu | 2 Kidney                                      |
| Specific target organ toxicity – repeated exposu | 2 Liver                                       |
| Specific target organ toxicity – repeated exposu | 2 Peripheral nervous system                   |
| Hazardous to the aquatic environment - acute     | 2   |
| Hazardous to the aquatic environment - chronic   | 2   |
| Flammable liquids                                | 2   |

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Label elements

Pictogram:

Flame

Exclamation mark

Environment

Health hazard

Signal Word:

Danger

Hazard Statement:

|      |  |
|------|--|
| H319 | Causes serious eye irritation.                                     |
| H315 | Causes skin irritation.  |
| H317 | May cause an allergic skin reaction.                               |
| H411 | Toxic to aquatic life with long lasting effects.                   |
| H225 | Highly flammable liquid and vapour.                                |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H336 | May cause drowsiness or dizziness.                                 |
| H335 | May cause respiratory irritation.                                  |
| H350 | May cause cancer.  |
| H340 | May cause genetic defects.   |
| H360 | May damage the unborn child. Suspected of damaging fertility.      |

Precautionary Statements (Prevention):

|      |  |
|------|--|
| P201 | Obtain special instructions before use.  |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray.  |
| P273 | Avoid release to the environment.  |
| P272 | Contaminated work clothing should not be allowed out of the workplace.                         |
| P260 | Do not breathe dust or mist.   |
| P202 | Do not handle until all safety precautions have been read and understood.                      |
| P240 | Ground/bond container and receiving equipment.   |
| P233 | Keep container tightly closed.   |
| P243 | Take precautionary measures against static discharge.  |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment.                                 |
| P242 | Use only non-sparking tools.   |
| P271 | Use only outdoors or in a well-ventilated area.  |
| P281 | Use personal protective equipment as required.   |
| P264 | Wash with plenty of water and soap thoroughly after handling.                                  |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |

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P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements (Response):

P391 Collect spillage.

P314 Get medical advice/attention if you feel unwell.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P321 Specific treatment (see on this label).

P362 + P364 Take off contaminated clothing and wash it before reuse.

P363 Wash contaminated clothing before reuse.

P370 + P378 In case of fire: Use water spray for extinction.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

### Precautionary Statements (Storage):

P405 Store locked up.

P403 + P235 Store in a well-ventilated place. Keep cool.

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

### Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

No applicable information available.

According to Regulation 1994 OSHA Hazard Communication Standard;  
29 CFR Part 1910.1200

### Emergency overview

FLAMMABLE LIQUID  
HARMFUL IF INHALED  
CAN CAUSE CENTRAL NERVOUS SYSTEM DAMAGE  
CAN CAUSE LIVER DAMAGE  
CAN CAUSE KIDNEY DAMAGE

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MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION  
CONTAINS MATERIAL THAT MAY CAUSE ALLERGIC SKIN REACTION  
CONTAINS MATERIAL WHICH MAY CAUSE CANCER.  
MAY CAUSE PULMONARY EDEMA  
INGESTION MAY CAUSE GASTRIC DISTURBANCES

### 3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard;  
29 CFR Part 1910.1200

| CAS Number  | Weight %     | Chemical name  |
|-------------|--------------|--|
| 95-48-7     | 0.0 - 0.1 %  | o-cresol   |
| 123-54-6    | 0.0 - 3.0 %  | 2,4-pentanedione   |
| 7631-86-9   | 0.0 - 15.0 % | silica, amorphous  |
| 64741-65-7  | 0.0 - 3.0 %  | naphtha, heavy alkylate                                      |
| 64742-48-9  | 0.0 - 20.0 % | petroleum naphtha, heavy                                     |
| 64742-89-8  | 0.0 - 15.0 % | vm&p naphtha   |
| 64742-95-6  | 0.0 - 20.0 % | solvent naphtha, light aromatic                              |
| 127519-17-9 | 0.0 - 1.0 %  | substituted benzotriazole                                    |
| 27253-31-2  | 0.0 - 0.2 %  | neodecanoic acid, cobalt salt                                |
| proprietary | 0.0 - 5.0 %  | Proprietary polyaminoamide salt                              |
| 65-85-0     | 0.0 - 3.0 %  | benzoic acid   |
| 67-63-0     | 0.0 - 5.0 %  | isopropyl alcohol  |
| 67-64-1     | 0.0 - 25.0 % | acetone  |
| 78-83-1     | 0.0 - 0.5 %  | isobutanol   |
| 95-63-6     | 0.0 - 5.0 %  | 1,2,4-trimethylbenzene                                       |
| 96-29-7     | 0.0 - 1.0 %  | methyl ethyl ketoxime  |
| 100-41-4    | 0.0 - 15.0 % | ethylbenzene   |
| 107-98-2    | 0.0 - 10.0 % | 1-methoxy-2-propanol   |
| 108-67-8    | 0.0 - 1.0 %  | mesitylene   |
| 110-12-3    | 0.0 - 10.0 % | methyl isoamyl ketone  |
| 123-86-4    | 0.0 - 25.0 % | n-butylacetate   |
| 1309-37-1   | 0.0 - 10.0 % | iron oxide   |
| 1344-28-1   | 0.0 - 10.0 % | aluminium oxide  |
| 7727-43-7   | 0.0 - 5.0 %  | barium sulphate  |
| 8052-41-3   | 0.0 - 10.0 % | stoddard solvent   |
| 13463-67-7  | 0.0 - 50.0 % | titanium dioxide   |
| 21645-51-2  | 0.0 - 3.0 %  | alumina hydroxide  |
| 22464-99-9  | 0.0 - 3.0 %  | 2-Ethylhexanoic acid, zirconium salt                         |
| 41556-26-7  | 0.0 - 0.3 %  | hindered amine light stabilizer                              |
| 64742-81-0  | 0.0 - 3.0 %  | kerosine, hydrodesulfurized                                  |
| 1330-20-7   | 0.0 - 50.0 % | xylene   |
| 64742-88-7  | 0.0 - 1.0 %  | solvent naphtha, medium aliphatic                            |
| 82919-37-7  | 0.0 - 1.0 %  | light stabilizer   |
| 64742-95-6  | 0.0 - 15.0 % | solvent naphtha (petroleum), light arom., <0.1% benzen       |
| 64742-89-8  | 0.0 - 10.0 % | solvent naphtha, light aliph., Low boiling P., <0,1% benzene |

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|            |              |                     |
|------------|--------------|---------------------|
| 7429-90-5  | 0.0 - 15.0 % | aluminium powder    |
| 7782-42-5  | 0.0 - 10.0 % | graphite            |
| 12001-26-2 | 0.0 - 15.0 % | mica                |
| 61788-71-4 | 0.0 - 1.0 %  | nickel naphthenates |
| 98-82-8    | 0.0 - 0.2 %  | isopropylbenzene    |
| 12656-85-8 | 0.0 - 10.0 % | C.I. pigment red    |

According to Regulation 1994 OSHA Hazard Communication Standard;  
29 CFR Part 1910.1200

| CAS Number  | Weight %     | Chemical name   |
|-------------|--------------|---|
| 1330-20-7   | 0.0 - 50.0 % | xylene  |
| 67-64-1     | 0.0 - 25.0 % | acetone   |
| 123-86-4    | 0.0 - 25.0 % | n-butylacetate  |
| 100-41-4    | 0.0 - 15.0 % | ethylbenzene  |
| 64742-48-9  | 0.0 - 20.0 % | Naphtha (petroleum),<br>hydrotreated heavy                      |
| 67-63-0     | 0.0 - 5.0 %  | isopropyl alcohol   |
| 64742-89-8  | 0.0 - 15.0 % | solvent naphtha, light aliph.,<br>Low boiling P., <0,1% benzene |
| 41556-26-7  | 0.0 - 0.3 %  | hindered amine light<br>stabilizer                              |
| 64742-89-8  | 0.0 - 15.0 % | vm&p naphtha  |
| 107-98-2    | 0.0 - 10.0 % | 1-methoxy-2-propanol  |
| 8052-41-3   | 0.0 - 10.0 % | stoddard solvent  |
| 95-63-6     | 0.0 - 5.0 %  | 1,2,4-trimethylbenzene  |
| 1309-37-1   | 0.0 - 15.0 % | iron oxide  |
| 12001-26-2  | 0.0 - 15.0 % | mica  |
| 108-67-8    | 0.0 - 1.0 %  | mesitylene  |
| 127519-17-9 | 0.0 - 1.0 %  | substituted benzotriazole                                       |
| 64742-95-6  | 0.0 - 20.0 % | solvent naphtha, light<br>aromatic                              |
| 7631-86-9   | 0.0 - 15.0 % | silica, amorphous   |
| 95-48-7     | 0.0 - 0.1 %  | o-cresol  |
| 110-12-3    | 0.0 - 10.0 % | methyl isoamyl ketone   |
| 7782-42-5   | 0.0 - 10.0 % | graphite  |
| 7429-90-5   | 0.0 - 15.0 % | aluminium powder  |
| 64742-88-7  | 0.0 - 3.0 %  | solvent naphtha, medium<br>aliphatic                            |
| 64742-81-0  | 0.0 - 3.0 %  | kerosine, hydrodesulfurized                                     |
| 22464-99-9  | 0.0 - 3.0 %  | 2-Ethylhexanoic acid,<br>zirconium salt                         |
| 21645-51-2  | 0.0 - 3.0 %  | alumina hydroxide   |
| 7727-43-7   | 0.0 - 5.0 %  | barium sulphate   |
| 1344-28-1   | 0.0 - 10.0 % | aluminium oxide   |
| 96-29-7     | 0.0 - 1.0 %  | methyl ethyl ketoxime   |
| 61788-71-4  | 0.0 - 1.0 %  | nickel naphthenates   |
| 13463-67-7  | 0.0 - 50.0 % | titanium dioxide  |
| 98-82-8     | 0.0 - 0.2 %  | isopropylbenzene  |
| 27253-31-2  | 0.0 - 0.2 %  | neodecanoic acid, cobalt salt                                   |
| 1317-80-2   | 0.0 - 10.0 % | titanium dioxide (rutile)                                       |
| 12656-85-8  | 0.0 - 10.0 % | C.I. pigment red  |

#### 4. First-Aid Measures

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### Description of first aid measures

#### General advice:

First aid personnel should pay attention to their own safety.  
If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).  
Remove contaminated clothing.

#### If inhaled:

Keep patient calm, remove to fresh air.  
If breathing difficulties develop, aid in breathing and seek immediate medical attention.

#### If on skin:

Immediately wash thoroughly with soap and water. Seek medical attention.

#### If in eyes:

Flush with copious amounts of water for at least 15 minutes.  
Hold eyelids open to facilitate rinsing.  
If irritation develops, seek medical attention.  
Seek medical attention.

#### If swallowed:

Rinse mouth and then drink plenty of water.  
Do not induce vomiting due to aspiration hazard.  
Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.  
Immediate medical attention is required.

Most important symptoms and effects, both acute and delayed

#### Symptoms:

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Note to physician

#### Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

Dry extinguishing media  
Carbon dioxide  
Foam

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Water spray

Unsuitable extinguishing media for safety reasons:  
water jet

Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
Vapors and/or decomposition products are irritants and/or toxic.  
If product is heated above decomposition temperatures, acrid smoke  
and fumes will be released.

Advice for fire-fighters

Protective equipment for fire-fighting:  
Firefighters should be equipped with self-contained breathing  
apparatus and turn-out gear.

Further information:

Vapors are heavier than air and may accumulate in low areas and  
travel a considerable distance up to the source of ignition. Flash  
fire may occur.

Remove product from areas of fire or otherwise cool sealed  
containers with water in order to avoid pressure build-up due to  
heat.

Do not flood burning material with water due to potential  
spreading of fire.

Contain contaminated water/firefighting water.

Run-off water from fire may cause pollution.

Notify proper authorities.

---

### 6. Accidental Release Measures

Personal precautions, protective equipment and emergency  
procedures

Extinguish sources of ignition nearby and downwind.

Wear suitable personal protective clothing and equipment.

Ensure adequate ventilation.

Avoid prolonged inhalation.

Avoid contact with skin and eyes.

Use antistatic tools.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

A spill of or in excess of the reportable quantity requires  
notification to state, local and national emergency authorities.

Methods and material for containment and cleaning up

Dike spillage.

Place into appropriately labeled waste containers.

Spills should be contained, solidified, and placed in suitable  
containers for disposal.

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### 7. Handling and Storage

Precautions for safe handling  
Ensure adequate ventilation.  
Do not puncture, drop or slide containers.  
Use static lines when mixing and transferring material.  
Handle and open container with care.  
Avoid contact with the skin, eyes and clothing.  
WARNING: Empty containers may still contain hazardous residue.  
Do not apply to hot surfaces.  
Proper ventilation and respiratory protection is required when sanding, flame cutting, welding or brazing coated surfaces.

Protection against fire and explosion:  
Use antistatic tools.  
Exhaust fans should be explosion proof.  
Provide adequate ventilation to remove solvent vapors from lower levels or work areas and to prevent solvent contact with ignition sources.  
Sealed containers should be protected against heat as this results in pressure build-up.  
Risk of explosion if heated under confinement.  
Avoid all sources of ignition: heat, sparks, or open flame.

Conditions for safe storage, including any incompatibilities  
Segregate from incompatible substances.  
Segregate from oxidizing agents.  
Segregate from strong bases.  
Segregate from strong acids.

Further information on storage conditions:  
Keep container tightly closed.  
Protect from direct sunlight.  
Protect from temperatures above 49C/ 120F.  
Consult local fire marshal for storage requirements.

Storage stability:

---

### 8. Exposure Controls and Personal Protection

Components with occupational exposure limits

|                        |                           |
|------------------------|---------------------------|
| isopropyl alcohol      |                           |
| ACGIH                  | STEL 400 ppm; TWA 200 ppm |
| OSHA                   | PEL 400 ppm 980 mg/m3     |
| acetone                |                           |
| ACGIH                  | STEL 750 ppm; TWA 500 ppm |
| OSHA                   | PEL 1000 ppm 2400 mg/m3   |
| isobutanol             |                           |
| ACGIH                  | TWA 50 ppm                |
| OSHA                   | PEL 100 ppm 300 mg/m3     |
| o-cresol               |                           |
| ACGIH                  | TWA 20 mg/m3              |
| OSHA                   | PEL 5 ppm 22 mg/m3        |
| 1,2,4-trimethylbenzene |                           |



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ACGIH TWA 25 ppm  
isopropylbenzene  
ACGIH TWA 50 ppm  
OSHA PEL 50 ppm 245 mg/m3  
ethylbenzene  
ACGIH STEL 125 ppm; TWA 100 ppm  
OSHA PEL 100 ppm 435 mg/m3  
1-methoxy-2-propanol  
ACGIH STEL 150 ppm; TWA 100 ppm  
mesitylene  
ACGIH TWA 25 ppm  
methyl isoamyl ketone  
ACGIH TWA 50 ppm  
OSHA PEL 100 ppm 475 mg/m3  
n-butylacetate  
ACGIH STEL 200 ppm; TWA 150 ppm  
OSHA PEL 150 ppm 710 mg/m3  
iron oxide  
ACGIH TWA 5 mg/m3  
titanium dioxide (rutile)  
ACGIH TWA 10 mg/m3 T  
OSHA PEL 15 mg/m3 T  
xylene  
ACGIH STEL 150 ppm; TWA 100 ppm  
OSHA PEL 100 ppm 435 mg/m3  
aluminium oxide  
ACGIH TWA 1 mg/m3  
OSHA PEL 5 mg/m3 R; PEL 15 mg/m3 T  
aluminium powder  
ACGIH TWA 1 mg/m3  
barium sulphate  
ACGIH TWA 10 mg/m3  
OSHA PEL 5 mg/m3 R; PEL 15 mg/m3 T  
graphite  
ACGIH TWA 2 mg/m3  
OSHA PEL 5 mg/m3 R; PEL 15 mg/m3 T  
stoddard solvent  
ACGIH TWA 100 ppm  
OSHA PEL 500 ppm 2900 mg/m3  
mica  
ACGIH TWA 3 mg/m3  
C.I. pigment red  
ACGIH TWA 0.05 mg/m3  
OSHA CLV 0.1 mg/m3; PEL 1 mg/m3; PEL 15 mg/m3 T  
titanium dioxide  
ACGIH TWA 10 mg/m3  
OSHA PEL 15 mg/m3 T  
talc  
ACGIH TWA 2 mg/m3  
alumina hydroxide  
ACGIH TWA 1 mg/m3 T  
2-Ethylhexanoic acid, zirconium salt  
ACGIH STEL 10 mg/m3; TWA 5 mg/m3  
OSHA PEL 5 mg/m3  
petroleum naphtha, heavy

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OSHA PEL 100 ppm 400 mg/m3  
kerosine, hydrodesulfurized  
ACGIH TWA 200 mg/m3  
neodecanoic acid, cobalt salt  
ACGIH TWA 0.02 mg/m3  
nickel naphthenates  
ACGIH TWA 0.1 mg/m3  
OSHA PEL 1 mg/m3  
Naphtha (petroleum), hydrotreated heavy  
OSHA PEL 100 ppm 400 mg/m3

T Total dust  
R Respirable fraction

### Advice on system design:

Provide local exhaust ventilation to maintain recommended P.E.L.  
General mechanical ventilation should comply with OSHA 1910.94.

### Personal protective equipment

#### Respiratory protection:

Wear respiratory protection if ventilation is inadequate.  
Wear NIOSH-certified (or equivalent) organic vapor respirator.  
Particulate filters should be added during spray operations.  
Do not exceed the maximum use concentration for the respirator  
facepiece/cartridge combination.  
Observe OSHA regulations for respirator use (29 CFR 1910.134).

#### Hand protection:

Use appropriate chemically resistant gloves as determined by an  
evaluation of glove performance characteristics and the hazards  
and potential hazards identified, including but not limited to  
butyl, natural and synthetic rubber, nitrile, or neoprene.

#### Eye protection:

Tightly fitting safety goggles (chemical goggles).  
Wear face shield if splashing hazard exists.

#### Body protection:

Body protection must be chosen based on activity level and  
exposure.

#### General safety and hygiene measures:

Work place should be equipped with a shower and eye wash.  
Contact lenses should not be worn.  
Remove contaminated clothing.  
Contaminated equipment or clothing should be cleaned after each  
use or disposed of.  
Hands and/or face should be washed before breaks and at the end of  
the shift.

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## 9. Physical and Chemical Properties

Form: liquid

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|  |  |
|--|--|
| Odour:   | solvent-like   |
| Odour threshold:                                       | No applicable information available.                                   |
| Colour:  | various  |
| pH value:  | No applicable information available.                                   |
| Melting temperature:                                   | No applicable information available.                                   |
| Boiling range:   | 133 - 398 °F   |
| Sublimation temperature:                               | No applicable information available.                                   |
| Flash point:   | 48 - 79 °F (8.9 - 26.1 °C)<br>+/- 3 °F Setaflash Closed Cup (measured) |
| Flammability:  | No applicable information available.                                   |
| Lower explosion limit:                                 | 0.6 - 1.4 %(V)   |
| Upper explosion limit:                                 | 7.0 - 12.8 %(V)  |
| Autoignition:  | No applicable information available.                                   |
| Vapour pressure:                                       | not available  |
| Density:   | 7.97 - 11.59 Lb/USg CALC   |
| Relative density:                                      | 0.96 - 1.39  |
| Vapour density:  | heavier than air   |
| Partitioning coefficient<br>n-octanol/water (log Pow): | No applicable information available.                                   |
| Thermal decomposition:                                 | No applicable information available.                                   |
| Viscosity, dynamic:                                    | No applicable information available.                                   |
| Solids content:<br>%(V)                                | approx. 17 - 66 % / 12.8958 - 45.2137                                  |
| Viscosity, kinematic:                                  | >= 20.50 mm <sup>2</sup> /s  |
| Solubility in water:                                   | No applicable information available.                                   |
| Solubility (quantitative):                             | No applicable information available.                                   |
| Solubility (qualitative):                              | No applicable information available.                                   |
| Evaporation rate:                                      | No applicable information available.                                   |

### 10. Stability and Reactivity

#### Reactivity

Reactivity:  
No applicable information available.

#### Chemical stability

Chemical stability:  
The product is chemically stable.

#### Possibility of hazardous reactions

Hazardous reactions:  
No applicable information available.

#### Conditions to avoid

Conditions to avoid:  
Avoid all sources of ignition: heat, sparks or open flames.  
Avoid electrostatic discharge.

#### Incompatible materials

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Substances to avoid:  
strong bases  
strong oxidizing agents  
oxidizing agents  
strong acids

Hazardous decomposition products

Decomposition products:  
carbon monoxide  
carbon dioxide

Thermal decomposition:  
No applicable information available.

---

### 11. Toxicological Information

Primary routes of exposure  
Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Primary routes of entry:  
Solvents are absorbed through the skin.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity:  
The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: o-cresol  
Assessment of acute toxicity:  
Of high toxicity after short-term skin contact.  
Of high toxicity after single ingestion.

Information on: neodecanoic acid, cobalt salt  
Assessment of acute toxicity:  
Of moderate toxicity after single ingestion.

Information on: benzoic acid  
Assessment of acute toxicity:  
Of low toxicity after single ingestion.  
Of low toxicity after short-term skin contact.

Information on: isopropyl alcohol  
Assessment of acute toxicity:  
High concentrations in the air may cause narcosis.  
Of low toxicity after single ingestion.

Information on: acetone

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Assessment of acute toxicity:  
High concentrations in the air may cause narcosis.

Information on: isobutanol  
Assessment of acute toxicity:  
Of low toxicity after single ingestion.  
Of low toxicity after short-term skin contact.

Information on: 1,2,4-trimethylbenzene  
Assessment of acute toxicity:  
Of moderate toxicity after short-term inhalation.  
Of low toxicity after single ingestion.

Information on: methyl ethyl ketoxime  
Assessment of acute toxicity:  
Of moderate toxicity after short-term skin contact.  
Of low toxicity after single ingestion.

Information on: ethylbenzene  
Assessment of acute toxicity:  
Of moderate toxicity after short-term inhalation.  
Of low toxicity after single ingestion.

Information on: 1-methoxy-2-propanol  
Assessment of acute toxicity:  
High concentrations in the air may cause narcosis.  
Of low toxicity after single ingestion.

Information on: methyl isoamyl ketone  
Assessment of acute toxicity:  
Harmful by inhalation.

Information on: stoddard solvent  
Assessment of acute toxicity:  
Aspiration may result in chemical pneumonitis, which may be fatal.

Information on: solvent naphtha (petroleum), light arom., <0.1%  
benzen  
Assessment of acute toxicity:  
Of pronounced toxicity after short-term skin contact.

Oral

Acute oral toxicity:  
No applicable information available.

Inhalation

Acute inhalation toxicity:  
No applicable information available.

Dermal

Acute dermal toxicity:  
No applicable information available.

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Assessment other acute effects

Assessment of STOT single:

Causes temporary irritation of the respiratory tract.  
Possible narcotic effects (drowsiness or dizziness).

Irritation / corrosion

Assessment of irritating effects:

Eye contact causes irritation.  
Skin contact causes irritation.

Information on: o-cresol

Assessment of irritating effects:  
Corrosive! Damages skin and eyes.  
May cause severe damage to the eyes.

Information on: solvent naphtha, light aromatic

Assessment of irritating effects:  
Skin contact causes irritation.

Information on: neodecanoic acid, cobalt salt

Assessment of irritating effects:  
Eye contact causes irritation.

Information on: benzoic acid

Assessment of irritating effects:  
Eye contact causes irritation.

Information on: isopropyl alcohol

Assessment of irritating effects:  
Eye contact causes irritation.

Information on: acetone

Assessment of irritating effects:  
Irritating to eyes.

Information on: isobutanol

Assessment of irritating effects:  
Skin contact causes irritation.  
May cause severe damage to the eyes.

Information on: 1,2,4-trimethylbenzene

Assessment of irritating effects:  
Irritating to eyes and skin.

Information on: methyl ethyl ketoxime

Assessment of irritating effects:  
May cause severe damage to the eyes.

Information on: ethylbenzene

Assessment of irritating effects:  
May cause slight irritation to the skin.  
May cause slight irritation to the eyes.

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Information on: 1-methoxy-2-propanol  
Assessment of irritating effects:  
May cause slight irritation to the eyes.

Information on: mesitylene  
Assessment of irritating effects:  
Irritating to skin.

Information on: kerosine, hydrodesulfurized  
Assessment of irritating effects:  
Skin contact causes irritation.

Information on: xylene  
Assessment of irritating effects:  
Eye contact causes irritation.  
Skin contact causes irritation.

Information on: solvent naphtha, medium aliphatic  
Assessment of irritating effects:  
Skin contact causes irritation.

Information on: solvent naphtha (petroleum), light arom., <0.1%  
benzen  
Assessment of irritating effects:  
Skin contact causes irritation.

Sensitization

Assessment of sensitization:  
Sensitization after skin contact possible.

Information on: neodecanoic acid, cobalt salt  
Assessment of sensitization:  
Sensitization after skin contact possible.

Information on: methyl ethyl ketoxime  
Assessment of sensitization:  
Sensitization after skin contact possible.

Information on: hindered amine light stabilizer  
Assessment of sensitization:  
Sensitization after skin contact possible.

Aspiration hazard  
No applicable information available.  
Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity:  
Repeated exposure may affect certain organs.

Information on: benzoic acid  
Assessment of repeated dose toxicity:

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The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.  
The substance may cause damage to the central nervous system after repeated ingestion of high doses.  
The substance may cause damage to the lung after repeated inhalation of high doses.

Information on: isopropyl alcohol  
Assessment of repeated dose toxicity:  
The substance may cause damage to the liver after repeated inhalation of high doses.  
May affect the liver as indicated in animal studies.

Information on: acetone  
Assessment of repeated dose toxicity:  
The substance may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies.  
The substance may cause damage to the hematological system after repeated ingestion of high doses.  
The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.

Information on: 1,2,4-trimethylbenzene  
Assessment of repeated dose toxicity:  
Investigations using experimental animals show that the material can cause lung tissue changes following inhalation.

Information on: methyl ethyl ketoxime  
Assessment of repeated dose toxicity:  
The substance may cause damage to the liver after repeated ingestion.  
The substance may cause damage to the hematological system after repeated ingestion.

Information on: ethylbenzene  
Assessment of repeated dose toxicity:  
The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies.  
The substance may cause deafness after repeated ingestion.  
The substance may cause deafness after repeated inhalation.

Information on: 1-methoxy-2-propanol  
Assessment of repeated dose toxicity:  
The substance may cause damage to the kidney after repeated inhalation.  
The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies.  
The substance may cause damage to the liver after repeated inhalation of high doses.  
May affect the liver as indicated in animal studies.

Information on: methyl isoamyl ketone  
Assessment of repeated dose toxicity:  
May affect the liver and kidneys as indicated in animal studies.



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Information on: titanium dioxide  
Assessment of repeated dose toxicity:  
The substance may cause increase in lung mass and lung tissue changes after repeated inhalation.

Genetic toxicity

Assessment of mutagenicity:  
No applicable information available.

Carcinogenicity

Assessment of carcinogenicity:  
May cause cancer.

Information on: naphtha, heavy alkylate  
Assessment of carcinogenicity:  
The substance caused cancer in animal studies.

Information on: petroleum naphtha, heavy  
Assessment of carcinogenicity:  
The substance caused cancer in animal studies.

Information on: vm&p naphtha  
Assessment of carcinogenicity:  
The substance caused cancer in animal studies.

Information on: methyl ethyl ketoxime  
Assessment of carcinogenicity:  
Indication of possible carcinogenic effect in animal tests.

Information on: ethylbenzene  
Assessment of carcinogenicity:  
NTP listed carcinogen  
IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).  
Indication of possible carcinogenic effect in animal tests.

Information on: titanium dioxide  
Assessment of carcinogenicity:  
IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).  
In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed.  
Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation.

Reproductive toxicity

Assessment of reproduction toxicity:  
The results of animal studies suggest a fertility impairing effect.

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Development

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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### 12. Ecological Information

No applicable information available.

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### 13. Disposal Considerations

Waste disposal of substance

Dispose of in accordance with national, state and local regulations.

The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste.

It is the waste generators responsibility to determine if a particular waste is hazardous under RCRA.

Do not discharge into drains/surface waters/groundwater.

Incinerate or dispose of in a RCRA licensed facility.

Do not incinerate closed containers.

Container disposal

WARNING: Empty containers may still contain hazardous residue.

Dispose of in accordance with national, state and local regulations.

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### 14. Transport Information

Reference Bill of Lading

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### 15. Regulatory Information

Federal Regulations

Registration status

TSCA, US released / listed

SARA 313:

LA1201

ethylbenzene 6.0%; xylene 21.4%;

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LA1202  
ethylbenzene 7.6%; xylene 28.71%;

LA1206  
1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.1%; xylene 27.1%;

LA1209  
1,2,4-trimethylbenzene 1.2%; ethylbenzene 6.2%; xylene 24.5%;

LA1218  
1,2,4-trimethylbenzene 2.0%; ethylbenzene 7.1%; xylene 27.6%;

LA1223  
ethylbenzene 7.6%; xylene 30.5%; Copper 3.5%;

LA1224  
ethylbenzene 7.2%; xylene 27.3%;

LA1228  
ethylbenzene 8.9%; xylene 31.5%;

LA1229  
ethylbenzene 6.3%; xylene 24.7%;

LA1230  
ethylbenzene 8.5%; Naphthenic acids, nickel salts 0.7%; xylene 31.6%;

LA1234  
ethylbenzene 8.6%; xylene 31.7%;

LA1236  
ethylbenzene 9.1%; xylene 33.1%;

LA1237  
ethylbenzene 7.4%; xylene 29.5%;

LA1238  
ethylbenzene 5.7%; propan-2-ol 2.7%; xylene 40.1%;

LA1239  
1,2,4-trimethylbenzene 2.3%; ethylbenzene 8.1%; xylene 32.6%;

LA1240  
1,2,4-trimethylbenzene 1.9%; ethylbenzene 7.5%; xylene 28.6%;

LA1242  
ethylbenzene 7.3%; xylene 29.2%;

LA1243  
ethylbenzene 7.5%; xylene 29.5%;

LA1244  
[1-[[ (2-Hydroxyphenyl) imino]methyl]-2-naphtholato(2-)-N,O,O']copper  
4.4%;  
ethylbenzene 8.0%; xylene 30.3%;

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LA1246  
1,2,4-trimethylbenzene 1.3%; ethylbenzene 8.5%; xylene 30.9%;

LA1247  
ethylbenzene 9.1%; xylene 32.5%;

LA1250  
ethylbenzene 8.6%; xylene 31.6%;

LA1256  
ethylbenzene 10.2%; xylene 39.2%;

LA1267  
ethylbenzene 9.0%; xylene 33.2%;

LA1268  
1,2,4-trimethylbenzene 1.1%; ethylbenzene 7.7%; xylene 28.6%;

LA1269  
1,2,4-trimethylbenzene 3.1%; ethylbenzene 7.3%; xylene 28.0%;

LA1270  
ethylbenzene 8.4%; xylene 32.5%;

LA1272  
1,2,4-trimethylbenzene 3.0%; copper, chlorinated 5.2%; ethylbenzene 7.8%;  
xylene 31.5%;

LA1273  
ethylbenzene 8.4%; xylene 32.8%;

LA1276  
aluminium powder (pyrophoric) 2.5%; ethylbenzene 5.9%; xylene 23.8%;

LA1277  
aluminium powder (pyrophoric) 4.9%; ethylbenzene 5.7%; xylene 22.8%;

LA1278  
aluminium powder (stabilised) 4.2; ethylbenzene 5.7%; xylene 23.0%;

LA1279  
aluminium powder (pyrophoric) 5.0%; ethylbenzene 5.7%; xylene 22.8%;

LA1283  
ethylbenzene 8.8%; xylene 34.0%;

LA1284  
ethylbenzene 8.1%; xylene 39.2%;

LA1285  
ethylbenzene 5.9%; xylene 23.6%;

LA1287

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ethylbenzene 5.8%; xylene 23.2%;

LA1288

ethylbenzene 2.4%; propan-2-ol 3.0%; xylene 9.7%;

LA1289

ethylbenzene 6.1%; xylene 24.5%;

LA1290

ethylbenzene 6.2%; xylene 24.9%;

LA1291

ethylbenzene 6.4%; xylene 25.3%;

LA1299

None;

LA1399

ethylbenzene 0.4%; xylene 6.0%;

LA4899

ethylbenzene 1.6%; xylene 2.0%;

LIB01

1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.1%; xylene 28.0%;

LIB02

1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.1%; xylene 28.0%;

LIB03

1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.1%; xylene 28.0%;

LIB04

1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.1%; xylene 28.0%;

LIB05

1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.0%; xylene 27.6%;

LIB06

1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.1%; xylene 28.0%;

LIB07

1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.1%; xylene 28.0%;

LIB08

1,2,4-trimethylbenzene 1.2%; aluminium powder (pyrophoric) 7.2%;  
ethylbenzene 6.7%; xylene 26.4%;

LIB09

1,2,4-trimethylbenzene 1.2%; aluminium powder (stabilised) 7.1%;  
ethylbenzene 6.7%; xylene 26.3%;

LIB10

1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.1%; xylene 28.0%;

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LIB11

1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.0%; xylene 27.6%;

LIB12

1,2,4-trimethylbenzene 1.2%; ethylbenzene 7.1%; xylene 28.0%;

LIB13

1,2,4-trimethylbenzene 1.2%; aluminium oxide 7.3%; ethylbenzene 7.1%;  
xylene 28.0%;

LIB14

1,2,4-trimethylbenzene 1.2%; aluminium oxide 5.4%; ethylbenzene 7.1%;  
xylene 28.0%

WARNING: This product can expose you to chemicals including LEAD SULFOCHROMATE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

HMIS III rating

Health: 2<sup>+</sup>

Flammability: 3

Physical hazard: 0

### 16. Other information

SDS prepared by: BASF NA Product Regulations

SDS prepared on 27.11.2015

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