

Safety data sheet

LIMCO SUPREME PLUS BASECOATS

Revision date : 2018/07/20
Version: 7.1

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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 exposure	2	Auditory organ
Specific target organ toxicity – repeated exposure	2	Blood
Specific target organ toxicity – repeated exposure	2	Central nervous system
Specific target organ toxicity – repeated exposure	2	Kidney
Specific target organ toxicity – repeated exposure	2	Liver
Specific target organ toxicity – repeated exposure	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, hydrosulfurized
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), hydrotreated heavy
67-63-0	0.0 - 5.0 %	isopropyl alcohol
64742-89-8	0.0 - 15.0 %	solvent naphtha, light aliph., Low boiling P., <0,1% benzene
41556-26-7	0.0 - 0.3 %	hindered amine light 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 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 aliphatic
64742-81-0	0.0 - 3.0 %	kerosine, hydrodesulfurized
22464-99-9	0.0 - 3.0 %	2-Ethylhexanoic acid, 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.

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.

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) +/- 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 n-octanol/water (log Pow):	No applicable information available.
Thermal decomposition:	No applicable information available.
Viscosity, dynamic:	No applicable information available.
Solids content:	approx. 17 - 66 % / 12.8958 - 45.2137 %(V)
Viscosity, kinematic:	>= 20.50 mm ² /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, hydrosulfurized
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.

12. Ecological Information

No applicable information available.

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.

14. Transport Information

Reference Bill of Lading

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.

HMIS III rating

Health: 2

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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