Safety Data Sheet

acc. To OSHA HCS

Revision Date: 11/23/2015

1 Identification

Product Identifier *Exposite SB*

Article number:

Relevant Identified uses of the substance or mixture and uses advised against *No further relevant information available*

Application of the substance / the mixture

Details of the supplier of the safety data sheet

Manufacturer/Supplier *Lambert Corporation*
20 Coburn Ave. Orlando, FL 32805
(407) 841-2940

Emergency Telephone Number: *(800) 424-9300 - Chemtrec*

Information Department: *Environmental, Health, and Safety department*

2 Hazard(s) Identification

Classification of the substance or mixture

Flam. Liq. 3	*H226*	*Flammable liquid and vapor*
Skin Irrit. 2	*H315*	*Causes skin irritation*
Acute Tox. 4	*H332*	*Harmful if inhaled*
Carc. 2	*H351*	*Suspected of causing cancer.*
Repr. 2	*H361*	*Suspected of damaging fertility or the unborn child.*
STOT RE 2	*H373*	*May cause damage to the hearing organs through prolonged or repeated exposure.*
Asp. Tox. 1	*H304*	*May be fatal if swallowed and enters airways.*

Label Elements

GHS label elements

Hazard Pictograms

GHS02 GHS07

Signal Word *Danger*

Hazard-determining components of labeling:

Xylene

Ethylbenzene

Hazard Statements

Flammable liquid and vapor.

Causes skin irritation.

Causes serious eye irritation

Causes damage to the central nervous system through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Precautionary statements

If medical advice is needed, have product container or label at hand

Keep out of reach of children

Read label before use

Use personal protective equipment as required.

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

IF exposed or concerned: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations

Classification system:

NFPA ratings (scale 0 - 4)

Health = 1

Fire = 3

Reactivity = 0

HMIS ratings (scale 0 - 4)

HEALTH	1
FIRE	3
PHYSICAL HAZARD	0

Health = 1

Fire = 3

Reactivity = 0

Other Hazards

Results of PBT and vPvB assessment

PBT: *Not applicable*

vPvB: *Not applicable*

3 Composition/Information on Ingredients

Chemical Characterization: Mixtures

Description: *Mixture of the substances listed below with nonhazardous additions*

Dangerous Components:

98-82-8 *Cumene*

100-41-4 *Ethylenzene*

25551-13-7	*Trimethylbenzene*
1330-20-7	*xylene*
67-64-1	*Acetone*
108-88-3	*Toluene*

Additional information *For the wording of the listed risk phrases refer to section 16.*

4 First-Aid Measures

Description of first aid measures

General information:

Immediately remove any clothing soiled by the product

In the event of persistent symptoms recieve medical treatment

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After Inhalation:	*Supply fresh air; consult doctor in case of complaints*
After Skin Contact:	*Immediately wash with water and soap and rinse thoroughly.* *If skin irritation continues, consult a doctor*
After Eye Contact:	*Rinse opened eye for several minutes under running water.*
After Swallowing:	*Seek medical treatment*

Most important symptoms and effects, both acute and delayed: *No further information available*

Indication of any immediate medical attention and special treatment needed: *No further information available*

5 Fire-Fighting Measures

Extinguishing media:

Suitable extinguishing agents: *CO2, sand, extinguishing powder, foam. Do not use water.*

For safety reasons unsuitable extinguishing agents: *Water*

Special hazards arising from the substance or mixture: *Formation of toxic gases is possible during heating or in case of fire*

Advice for firefighters:

Protective equipment: *Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode*

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

Environmental procedures: *Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.*

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

Reference to other sections:

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and Storage

Precautions for safe handling: *Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.*

Information for protection against explosions and fires:

Keep ignition sources away - Do not smoke

Protect against electrostatic charges

Conditions for safe storage, including any incompatibilities:

Storage: *Dry and cool*

Requirements to be met by storerooms and receptacles: *No special requirements*

Information about storage in one common storage facility: *Not required.*

Further information about storage conditions: *Keep receptacle tightly sealed.*

Specific end use(s): *N/A*

8 Exposure Controls/Personal Protection

Additional information about design of technical systems: *N/A*

Control parameters:

Components with limit values that require monitoring at the workplace:

1330-20-7 xylene

PEL	*Long-term value:*	*435 mg/m³, 100 ppm*
REL	*Short-term value:*	*655 mg/m³, 150 ppm*
	Long-term value:	*435 mg/m³, 100 ppm*

TLV	*Short-term value:*	*651 mg/m³, 150 ppm*
	Long-term value:	*434 mg/m³, 100 ppm*
	BEI	

100-41-4 ethylbenzene

PEL	*Long-term value:*	*435 mg/m³, 100 ppm*
REL	*Short-term value:*	*545 mg/m³, 125 ppm*
	Long-term value:	*35 mg/m³, 100 ppm*
TLV	*Long-term value:*	*87 mg/m³, 20 ppm*
	BEI	

Ingredients with biological limit values

1330-20-7 xylene

BEI *1.5 g/g creatinine*

Medium: urine

Time: end of shift

Parameter: Methylhippuric acids

100-41-4 ethylbenzene

BEI *0.7 g/g creatinine*

Medium: urine

Time: end of shift at end of workweek

Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

-

Medium: end-exhaled air

Time: not critical

Parameter: Ethyl benzene (semi-quantitative)

Additional information: *The lists that were valid during the creation were used as basis*

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work

Store protective clothing separately

Avoid contact with the eyes and skin.

Breathing equipment *In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.*

Protection of hands:

Protective Gloves

Material of gloves: *The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*

Penetration time of glove material: *The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed*

Eye protection: *Wear appropriate eye protection to prevent eye contact.*

9 Physical and Chemical Properties

Information of basic physical and chemical properties

General information

Appearance:

Form:	*Liquid*
Color:	*According to product specification*
Odor:	*Characteristic*
Odor threshold:	*Not determined*
pH- value:	*Not determined*
Change in condition:	
Melting point/Melting range:	*Not determined*
Boiling point/Boiling range:	*279 °F (137 °C)*
Flash point:	*90 °F (32 °C)*
Flammability (solid, gaseous):	*Not applicable*
Ignition temperature:	806°*F (430 °C)*
Decomposition temperature:	*Not determined*
Auto igniting:	*Not self-igniting*
Danger of explosion:	*Product is not explosive. However, formation of explosive air/vapor mixtures are possible.*
Explosion limits:	
Lower:	*1.0 Vol %*
Upper:	*7.8 Vol %*
Vapor pressure at 20 °C (68 °F):	*9.5 hPa (7 mm Hg)*
Density at 20 °C (68 °F)	*0.8386 g/cm³ (6.998 lbs/gal)*
Relative density:	*Not determined*
Vapor density:	*Not determined*
Evaporation rate:	*Not determined*

Solubility in / Miscibility with Water: *Not miscible or difficult to mix*

Partition coefficient (n-octanol/water) *Not determined*

Viscosity:

Dynamic: *Not determined*

Kinematic: *Not determined*

Solvent content:

Organic solvents: *85.20%*

Solids content: *15.00%*

Other information: *None*

Volatile organic compounds: *Contains less than 800 g/L*

10 Stability and Reactivity

Reactivity: *No decomposition if stored and applied as directed*

Chemical stability: *No decomposition if stored and applied as directed*

Thermal decomposition / Conditions to be avoided: *No decomposition if used according to specifications.*

Possibility of hazardous reactions: *No dangerous reactions known.*

Conditions to avoid: *Keep away from heat and sources of ignition*

Incompatible materials: *No further relevant information available*

Hazardous decomposition products: *No dangerous decomposition products known*

11 Toxicological Information:

Information on toxicological effects:

Acute toxicity:

LD/LC50 Values that are relevant for classification:

1330-20-7 xylene

Oral LD50 4300 mg/kg (rat)

Dermal LD50 2000 mg/kg (rabbit)

100-41-4 ethylbenzene

Oral LD50 3500 mg/kg (rat)

Dermal LD50 17800 mg/kg (rabbit)

Primary irritant effect:

on the skin: *May cause skin irritation*

on the eye: *No irritating effect known*

Sensitization: *No sensitizing effects known*

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

Harmful

The product can cause inheritable damage.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

1330-20-7 xylene

100-41-4 ethylbenzene

108-88-3 toluene

NTP (National Toxicology Program)

None of the ingredients listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients listed.

12 Ecological Information

Toxicity:

Aquatic toxicity: *No further relevant information available.*

Persistence and degradability: *No further relevant information available.*

Bioaccumulative potential: *No further relevant information available.*

Mobility in soil: *No further relevant information available.*

Additional ecological information:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even small quantities leak into the ground

Results of PBT and vPvB assessment:

PBT: *Not applicable*

vPvB: *Not applicable*

Other adverse effects: *No further relevant information available.*

13 Disposal Considerations

Waste treatment methods:

Recommendation:	*Must not be disposed of as normal garbage. Do not allow product to reach sewage system. It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.*

Uncleaned packagings:

Recommendation:	*Disposal must be made according to Federal, State, and Local regulations*

14 Transport Information

UN-Number:

DOT, ADR, IMDG, IATA:	*N/E*

UN proper shipping name:

DOT	*Petroleum distillates, n.o.s.*
ADR:	*1268 Petroleum distillates, n.o.s.*
IMDG, IATA	*PETROLEUM DISTILLATES, N.O.S.*

Transport hazard class(es):

DOT

Class:	*3 Flammable liquids*
Label:	*3*

ADR, IMDG, IATA

Class:	*3 Flammable liquids*
Label:	*3*

Packing group:

DOT, ADR, IMDG, IATA:	*III*

Environmental hazards:

Marine pollutant:	*No*
Special precautions for user	*Warning: Flammable liquids*
Danger code (Kemler):	*30*
EMS Number:	*N/E*
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	*Not applicable*

Transport/Additional information:

ADR:

Excepted quantities (EQ)	*Code: E1*
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
U.S. Domestic Ground Shipments:	*Same as listed for Standard Shipments above.*
U.S. Domestic ground Non-Bulk (119 gal or less per container) Shipments:	*Same as listed for Standard Shipments above.*
Emergency Response Guide (ERG) Number:	*Not determined*

IMDG

Limited quantities (LQ)	*5L*
Excepted quantities (EQ)	*Code: E1*
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	*N/E*

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Sara:

Section 355 (extremely hazardous substances):	*None of the ingredient is listed*
Section 313 (Specific toxic chemical listings):	*This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below*

100-41-4 *ethylbenzene*

108-88-3 *toluene*

1330-20-7 *xylene*

TSCA (Toxic Substances Control Act):

All ingredients are listed

Proposition 65:

Chemicals known to the State of California (Prop. 65) to cause cancer:

100-41-4 *ethylbenzene*

Chemicals known to cause reproductive toxicity for females:

108-88-3 *toluene*

Chemicals known to cause reproductive toxicity for males:

None of the ingredients listed.

Chemicals known to cause developmental toxicity:

108-88-3 *toluene*

Cancerogenity categories:

EPA (Environmental Protection Agency):

1330-20-7 *xylene*

100-41-4 *ethylbenzene*

108-88-3 *toluene*

TLV (Threshold Limit Value established by ACGIH):

1330-20-7 *xylene*

100-41-4 *ethylbenzene*

108-88-3 *toluene*

MAK (German Maximum Workplace Concentration):

100-41-4 *ethylbenzene*

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients listed.

GHS label elements: *The product is classified and labeled according to the Globally Harmonized System (GHS).*

Hazard pictograms:

GHS02 GHS07 GHS08

Signal word: *Danger*

Hazard-determining components of labeling:

Xylene

Ethylbenzene

Hazard statements:

Flammable liquid and vapor

Causes skin irritation

Harmful if inhaled

May cause genetic defects

Suspected of causing cancer.

Causes damage to the central nervous system through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Suspected of damaging fertility or the unborn child.

Precautionary statements:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

If swallowed: Immediately call a poison center/doctor

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

Use explosion-proof electrical/ventilating/lighting/equipment.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations

National regulations:

Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases

Water hazard class: *Water hazard class 3 (Self-assessment): extremely hazardous for water*

Chemical safety assessment: *A Chemical Safety Assessment has not been carried out.*

16 Other Information

Department issuing MSDS: *Environmental, Health & Safety Department*

Contact: *Environmental, Health & Safety Manager*

Date of preparation / Last revision: *11/23/2015*

Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Carc. 2: Carcinogenicity, Hazard Category 2
Repr. 2: Reproductive toxicity, Hazard Category 2
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
Asp. Tox. 1: Aspiration hazard, Hazard Category 1