



1 Identification

- Product identifier
- Trade name: **CERRY ASPHALT SOY PRODUCT**
- Other means of identification
- Article number: 180108 | 2000070 | 180108 73
- Detailed description of the supplier's safety data sheet
- Manufacturer/supplier:
Research Corporation
1525 Brook Drive
Downers Grove, IL 60515
USA
800.435.2867
- Information department: Regulatory Department
- Emergency telephone number:
During normal opening times: Call ChemProc Day or Night
Domestic: North America 800.434.9300/International 708.327.3887 (Collect calls accepted)

2 Hazard(s) identification

- Classification of the substance or mixture
-  GHS07
- Sensitization - skin 1, H317 May cause an allergic skin reaction.
- Flammable liquids 4, H227 Combustible liquid.
- Label elements
- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard phrases
-  GHS07
- Signal word Warning
- Hazard-determining components of labeling:
ALDEHYDE C-16
- Hazard statements
Combustible liquid
May cause an allergic skin reaction.
- Precautionary statements
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid breathing dust/fume/gas/mist/vapour/spray
Combustion and/or fire may occur. Do not allow to get into the workplace.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
If on skin: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
In case of fire: Use CO2, powder or water spray to extinguish.
Store in a well-ventilated place.

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- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Information pertaining to particular dangers for man and environment:
- Classification system:
- NTP4 ratings (scale 0 - 4)
Health = 0
Fire = 2
Reactivity = 0
- HMIS-ratings (scale 0 - 4)
HEALTH 0 Health = 0
FIRE 2 Fire = 2
REACTIVITY 0 Reactivity = 0
- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Classification according to (d)(1)(ii) of § 1910.1200
- The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.
- Hazards not otherwise classified
- There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

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3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additives.
- Dangerous components:

100-52-7 BENZALDEHYDE	Acute toxicity - oral 4, H302; Flammable liquids 4, H227	>10-≤25%
123-93-2 AMYL ACETATE	Flammable liquids 3, H226	>1.5-≤10%
105-54-4 ETHYL BUTYRATE	Flammable liquids 3, H226	≤2.5%
106-27-4 AMYL BUTYRATE	Flammable liquids 3, H226	≤2.5%
121-33-3 ZANILIN	Acute toxicity - oral 4, H302; Eye Irritation 2.4, H319	≤2.5%
77-83-8 ALDEHYDE C-16	Sensitization - skin 1, H317	≥0.1- <1%

4 First-aid measures

- Description of first aid measures
- General information: Immediately remove any clothing soiled by the product.
- After Inhalation:
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.
- Most important symptoms and effects, both acute and delayed No further relevant information available.

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- Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

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5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture: No further relevant information available.
- Advice for firefighters: No special measures required.
- Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Not required.
- Environmental precautions: Do not allow to enter sewer, surface or ground water.
- Methods and material for containment and cleaning: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13.
- Dispose of contaminated material as waste according to section 13.
- Ensure adequate ventilation.
- Protective Action Criteria for Chemicals

PAC-1:	
100-52-7 BENZALDEHYDE	4 ppm
123-92-2 AMYL ACETATE	100 ppm
PAC-2:	
100-52-7 BENZALDEHYDE	43 mg/m ³
123-92-2 AMYL ACETATE	500 ppm
PAC-3:	
100-52-7 BENZALDEHYDE	260 mg/m ³
123-92-2 AMYL ACETATE	3000* ppm

• Reference to other sections: See Section 8 for information on safe handling. See Section 9 for information on personal protection equipment. See Section 13 for disposal information.

7 Handling and storage

- Precautions for safe handling: Ensure good ventilation/circulation at the workplace.
- Prevent formation of aerosols.
- Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
- Storage: Requirements to be met by storerooms and receptacles: Store in a tightly sealed container in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.

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- Specific end use(s): No further relevant information available.

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8 Exposure controls/personal protection

- Control parameters
- Components with limit values that require monitoring at the workplace: The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

100-52-7 BENZALDEHYDE	Long-term value: 4 ppm	Short-term value: 2 ppm
123-92-2 AMYL ACETATE	Long-term value: 525 mg/m ³ , 100 ppm	Short-term value: 525 mg/m ³ , 100 ppm
PEL	Long-term value: 525 mg/m ³ , 100 ppm	Short-term value: 525 mg/m ³ , 100 ppm
TLV	Long-term value: 532 mg/m ³ , 100 ppm	Short-term value: 532 mg/m ³ , 100 ppm
123-43-5 VANILLIN	Long-term value: 266 mg/m ³ , 50 ppm	
WZEL	Long-term value: 10 mg/m ³	

- Additional information: The list that were valid during the creation were used as basis.
- Exposure controls
- Appropriate engineering controls: No further data, see section 7.
- Personal protective equipment: General protective and hygienic measures: Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
- 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



Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to mixing tests no recommendation to the glove material can be given for the product/the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. 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 through time has to be found out by the manufacturer of the protective gloves and has to be observed. Eye protection: Goggles recommended during refilling.

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9 Physical and chemical properties

Information on basic physical and chemical properties

General Information	Liquid
Physical state	
Color:	Characteristic
Odor:	Not determined.
Odor threshold:	Not determined.
Melting point/Softening range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flammability:	Not applicable.
Explosion limits:	
Lower:	1.4 Vol %
Upper:	60 Vol %
Flash point:	63.3 °C (145.9 °F)
Auto ignition:	190 °C (374 °F)
Decomposition temperature:	Not determined.
pH-value:	Not determined.
Viscosity:	Not determined.
Kinematic:	Not determined.
Dynamic:	Not determined.
Solubility in / Miscibility with	Not miscible or difficult to mix.
Water:	Not determined.
Partition coefficient (n-octanol/water):	1.47x (0.8 mm Hg)
Vapor pressure at 26 °C (78.8 °F):	0.7 MPa (5 mm Hg)
Vapor pressure at 50 °C (122 °F):	0.9096 g/cm³ (7.3932 lb/gal)
Density at 20 °C (68 °F):	Not determined.
Relative density:	894 kg/m³
Bulk density:	Not determined.
Vapor density:	Not applicable.
Particle characteristics	
Other Information	
Appearance:	Liquid
Form:	
Important information on protection of health and environment, and on safety:	
Ignition temperature:	Product is not self-igniting.
Danger of explosion:	Not determined.
Safety content:	3.8 %
Organic solvents:	3.75 %
VOC content:	34.1 g/l / 0.28 lb/gal
Solids content:	1.3 %
Change in condition	Not determined.
Evaporation rate	

10 Stability and reactivity

- Reactivity: No further relevant information available.
- Chemical stability:
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.

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11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- LD50 values that are relevant for classification:
- LD50 (mg/kg (rat))
- LD50 (mg/kg (rat))
- LD50 (mg/kg (rat))
- LD50 (mg/kg (rat))
- LD50 (mg/kg (rat))
- LD50 (mg/kg (rat))
- LD50 (mg/kg (rat))

100-52-7 BENZALDEHYDE	Oral LD50 1,300 mg/kg (rat)
133-93-3 AMYL ACETATE	Oral LD50 16,000 mg/kg (rat)
105-54-4 ETHYL BUTYRATE	Oral LD50 13,000 mg/kg (rat)
121-33-5 VANILLIN	Oral LD50 1,580 mg/kg (rat)

- Primary irritant effect: on the skin; No irritant effect on the eye; No irritating effect.
- Sensitization: Sensitization possible through skin contact.
- Additional toxicological information:
- The product shows the following dangers according to internally approved calculation methods for preparations: Irritant
- Interactive effects: No interactive effects between components are known.
- Carcinogenic categories
- IARC (International Agency for Research on Cancer): None of the ingredients is listed.
- NTP (National Toxicology Program): None of the ingredients is listed.
- OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.
- Alternative sources for toxicological information: No non-standard sources for toxicological information where used.

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.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

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