



## Asphalt Solvent DL

### 1. Product and Company Identification

Product Name	Asphalt Solvent DL
Synonyms	None
MSDS Number	D26501
Company Identification	Wausau Chemical Corporation 2001 North River Drive Wausau, WI 54403
Telephone	Wausau Chemical Corporation – 715.842.2285 CHEMTREC – 800.424.9300

*NFPA diamond and HMIS ratings for this product may be found in section 16 of this Safety Data Sheet.*

### 2. Hazards Identification

Form	Liquid
Color	Clear, colorless
Odor	Characteristic
OSHA/HCS Status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200): combustible liquid, target organ effect, skin sensitizer, irritant.
Target Organs	Eyes, skin, liver, kidney, spleen, central nervous system
GHS Classification	Flammable liquids (Category 4) Acute toxicity, Oral (Category 4) Skin irritation (Category 2) Serious eye damage (Category 1) Skin sensitization (Category 1) Acute aquatic toxicity (Category 1)

Pictogram



Signal Word                      Danger

Hazard Statement(s)

H227	Combustible Liquid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.

Precautionary Statement(s)

P210	Keep away from heat, sparks, open flames, hot surfaces. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/ protective clothing/eye protection/face protection.
P301 + P310 + P331	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.



P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P370 + P378	In case of fire: Use dry chemical, carbon dioxide, or alcohol resistant foam to extinguish.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

**Potential Acute Health Effects**

Inhalation	Mists or vapors can cause irritation, dizziness, headache, nausea.
Ingestion	Causes severe nausea, vomiting, and many other symptoms.
Skin	Can cause severe skin irritation, defatting, dermatitis on repeated or prolonged contact.
Eyes	Causes severe eye irritation with possible risk of permanent eye damage if not treated immediately.

See section 11 for more detailed information on health effects and symptoms

**3. Composition/Information on Ingredients**

<b>Ingredient Name</b>	<b>CAS Number</b>	<b>WT %</b>
Light Hydrotreated Distillate	64742-47-8	80-90
1-Methyl-4-(1-Methylethenyl)-Cyclohexene	5989-27-5	5-10
Nonyl Phenol Ethoxylates	9016-45-9	2-8

**4. First Aid Measures**

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Skin Contact	Wash off with soap and plenty of water. Consult a physician if skin irritation or rash develops.
Inhalation	If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with a respiratory medical device. Get medical attention if symptoms occur.
Ingestion	Do NOT induce vomiting. Consult a physician immediately.
Protection of First Aid Personnel	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If it is suspected that dust, vapor, mist, or gas are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.

**5. Fire-fighting Measures**

Flammability of the Product	Combustible liquid
Flash Point (Method)	170-175 °F (77-80 °C) – closed cup
Auto Ignition Temperature	None

**Extinguishing Media**

Suitable	Dry chemical, carbon dioxide, or alcohol resistant foam. Use water spray to cool unopened containers.
Not Suitable	Water may be ineffective.
Special Fire-fighting	Wear chemical protective clothing and positive pressure, self-contained breathing



Procedures & Hazards            apparatus.

Unusual Fire & Explosion       Explosive pressure can develop on overheating. Keep runoff away from sewer.  
Hazards

## 6. Accidental Release Measures

Personal Precautions            Use personal protective equipment. Remove all sources of ignition. Take precautionary measures against static discharges.

Environmental Precautions      Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Spill                                 Remove all sources of ignition. Soak up with inert absorbent material. Take precautionary measures against static discharges. Keep in suitable and closed containers for disposal.

## 7. Handling and Storage

Handling                          Wear personal protective equipment. Keep away from open flames, hot surfaces, and sources of ignition. Take precautionary measures against static discharges. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing.

Storage                              Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## 8. Exposure Controls/Personal Protection

<u><b>Ingredient Name</b></u>	<u><b>ACGIH TLV</b></u>	<u><b>OSHA PEL</b></u>
Light Hydrotreated Distillate	100 ppm	500 ppm TWA 2900 mg/m <sup>3</sup> TWA
1-Methyl-4-(1-Methylethenyl)-Cyclohexene	Not established	Not established
Nonyl Phenol Ethoxylates	Not established	Not established

Engineering Measures            Use mechanical ventilation such as dilution and local exhaust. Use an explosion proof ventilation system. Supply ample air replacement.

Hygiene Measures                Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Respiratory                        If airborne concentrations are above the applicable exposure limits, use NIOSH-approved respiratory protection. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard (29 CFR 1910.134).

Eyes and Face                    Wear safety glasses with side shields (or goggles) and a face shield.

Skin                                 Wear chemically impervious gloves, made of any waterproof material. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

## 9. Physical and Chemical Properties

Appearance	Clear, colorless liquid
Odor	Characteristic
pH	About 6.0
Water Solubility	Emulsifiable
Vapor Density (air = 1)	Not determined
Evaporation rate (butyl acetate = 1)	Not determined
Boiling Point (°F)	310-410 °F (155-210 °C)



Melting Point (°F)	< 30 °F (-34 °C)
Specific Gravity (@ 77 °F)	0.818
Vapor Pressure	Not applicable
Volatile Organic (VOC) Content	87% (5.9 lbs/gal)

**10. Stability and Reactivity**

Stable:	X	Unstable:		Hazardous Polymerization:		Occurs:		Does Not Occur:	X
Conditions to Avoid	Oxidizing conditions								
Materials to Avoid	Strong acids, bases, oxidizing materials								
Decomposition Products	Unknown								

**11. Toxicological Information**

Eye	Causes severe eye irritation with possible risk of permanent eye damage if not treated immediately.
Light Hydrotreated Distillate	Eyes – no data available
1-Methyl-4-(1-Methylethenyl)-Cyclohexene	Eyes – no data available
Nonyl Phenol Ethoxylates	Eyes - rabbit – severe eye irritation
Dermal	Can cause severe skin irritation, defatting, dermatitis on repeated or prolonged contact.
Light Hydrotreated Distillate	Dermal LD50 – rabbit – > 2000 mg/kg Skin corrosion/irritation: no data available
1-Methyl-4-(1-Methylethenyl)-Cyclohexene	LD50 – rabbit – > 5000 mg/kg May cause allergic skin reaction.
Nonyl Phenol Ethoxylates	Dermal LD50 – no data available Skin corrosion/irritation: rabbit – mild skin irritation
Inhalation	Mists or vapors can cause irritation, dizziness, headache, nausea.
Light Hydrotreated Distillate	Inhalation LC50 – rat – > 5.28 mg/l – 4 h
1-Methyl-4-(1-Methylethenyl)-Cyclohexene	Inhalation LC50 – no data available
Nonyl Phenol Ethoxylates	Inhalation LC50 – no data available
Oral	Causes severe nausea, vomiting, and many other symptoms.
Light Hydrotreated Distillate	Oral LD50 – rat – > 5000 mg/kg
1-Methyl-4-(1-Methylethenyl)-Cyclohexene	Oral LD50 – rat – 4400 mg/kg Remarks: change in motor activity
Nonyl Phenol Ethoxylates	Oral LD50 – no data available
Chronic Effects	
Carcinogenicity	(Light Hydrotreated Distillate)



IARC: 3 – Group 3: Not classifiable as to its carcinogenicity to humans.

(1-Methyl-4-(1-Methylethenyl)-Cyclohexene)

IARC: 3 – Group 3: Not classifiable as to its carcinogenicity to humans.

*Rat - Oral*

Tumorigenic: Carcinogenic by RTECS criteria. Kidney, Ureter, Bladder, Kidney tumors.

Tumorigenic Effects: Testicular tumors.

*Mouse - Oral*

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Gastrointestinal tumors.

Other Adverse  
Effects

No data available

## 12. Ecological Information

Biodegradability

No information available.

Ecotoxicity

Toxicity to fish:

LC50 – Gambusia affinis (rainbow trout) – 2.9 mg/l - 96 h (Light Hydrotreated Distillate)

LC50 – fathead minnow – 0.702 mg/l – 96 h [1-Methyl-4-(1-Methylethenyl)-Cyclohexene]

LC50 – Lepomis macrochirus (bluegill) – 1.0 mg/l - 96 h (Nonyl Phenol Ethoxylates)

Toxicity to aquatic invertebrates:

EC50 – water flea – 69.6 mg/l – 48 h [1-Methyl-4-(1-Methylethenyl)-Cyclohexene]

EC50 – Daphnia magna (water flea) – 12.2-17.0 mg/l - 48 h (Nonyl Phenol Ethoxylates)

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

## 13. Disposal Considerations

Waste Disposal

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

RCRA

No components of this product are listed as hazardous waste.

## 14. Transportation

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

### US DOT 49 CFR 172.101

### Non-bulk Shipments (Drums/Totes)

### Bulk Shipments (Tank Trucks/Rail Cars)

Proper Shipping Name

Combustible liquid, N.O.S. (Petroleum Naphtha, Terpene Hydrocarbon)

Same

Hazard Class

NA

Same

Identification Number

NA1993

Same

Packing Group

III

Same

Reportable Quantities

NA

Same

Placards/Labels

None

Same





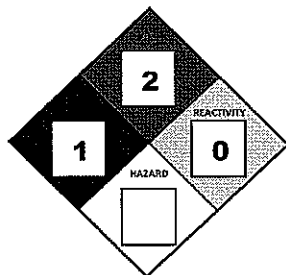
## 15. Regulatory Information

CERCLA / SARA Emergency Reporting	A spill or release of this material may trigger the emergency release reporting requirements under CERCLA (40 CFR Part 300) and/or SARA Title III (40 CFR Part 355). State or local reporting requirements may differ from federal requirements. Consult counsel for further guidance on your responsibilities under these laws.  CERCLA reporting quantity: <b>No components listed</b>
SARA Title III Section 313	The following components are subject to reporting levels established by SARA Title III, Section 313:  <b>Not applicable</b>
Clean Water Act (CWA) Section 311	The following chemicals are listed under Section 311 as hazardous substances requiring the submission of a National Pollutant Discharge Elimination System (NPDES) permit application to EPA.  <b>No components listed</b>
TSCA – Toxic Substances Control Act	All components of this product are listed on the Toxic Substances Control Act Inventory or are excluded from listing requirements.
RCRA – Resource Conservation and Recovery Act	The requirements of the federal hazardous waste regulations do not apply unless the waste fails to pass any of EPA's four tests for determining hazardous wastes. Note: If this product is altered, it is the responsibility of the user to determine whether the material meets the criteria for hazardous waste at the time of disposal.  <b>No component listed as hazardous waste</b>
<b>State Regulations</b>	
Massachusetts	<b>RTK Substances:</b> The following components are listed: Product not listed
New Jersey	<b>RTK Substances:</b> The following components are listed: Distillates (petroleum), hydrotreated light (CAS #64742-47-8), 1-Methyl-4-(1-Methylethenyl)-Cyclohexene (CAS# 5989-27-5), Ethoxylated nonylphenol (CAS #9016-45-9)
Pennsylvania	<b>RTK Substances:</b> The following components are listed: Distillates (petroleum), hydrotreated light (CAS #64742-47-8), 1-Methyl-4-(1-Methylethenyl)-Cyclohexene (CAS# 5989-27-5), Ethoxylated nonylphenol (CAS #9016-45-9)
California	Proposition 65: WARNING - This product contains a chemical known to the State of California to cause cancer or any other reproductive harm. Ethylene Oxide,

## 16. Other Information

Date of Issue 7/19/2013 | 6/3/2015-updated GHS classification and associated statements

NFPA



HMIS

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>2</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>PPE</b>	

Caution: NFPA and HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them.  
The customer is responsible for determining the PPE code for this material.



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