

## 1. Identification

### 1.1. Product identifier

**Product Identity** NDT Solvate  
**Alternate Names** NDT Solvate

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** Laundry emulsifier  
**Application Method** See Technical Data Sheet.

### 1.3. Details of the supplier of the safety data sheet

**Company Name** Gurtler Industries, Inc.  
 15475 South LaSalle St.  
 South Holland, IL 60473 US

### Emergency

**24 hour Emergency Telephone No.** (708) 331-2550  
**Customer Service: Gurtler Industries, Inc.** INFOTRAC - (800) 535-5053

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Flam. Liq. 4;H227	Combustible liquid and vapor.
Skin Irrit. 2;H315	Causes skin irritation.
Eye Dam. 2;H319	Causes serious eye damage.
Asp. Tox. 1;H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 2;H411	Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

H227 Combustible liquid and vapor.  
 H315 Causes skin irritation.  
 H319 Causes serious eye damage.  
 H304 May be fatal if swallowed and enters airways.  
 H411 Toxic to aquatic life with long lasting effects.



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### [Prevention]:

- P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
- P235 Keep cool.
- P240 Ground / bond container and receiving equipment.
- P241 Use explosion-proof electrical / ventilating / light / equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
- P264 Wash thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves / eye protection / face protection.

### [Response]:

- P302+352 IF ON SKIN: Wash with plenty of soap and water.
- P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
- P310 Immediately call a POISON CENTER or doctor / physician.
- P313 Get medical advice / attention.
- P321 Specific treatment (see information on this label).
- P333+313 If skin irritation or a rash occurs: Get medical advice / attention.
- P362 Take off contaminated clothing and wash before reuse.
- P363 Wash contaminated clothing before reuse.
- P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.
- P391 Collect spillage.

### [Storage]:

- P403+233 Store in a well ventilated place. Keep container tightly closed.

### [Disposal]:

- P501 Dispose of contents / container in accordance with local / national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Petroleum distillates, hydrotreated light CAS Number: 0064742-47-8	45-55	Asp. Tox. 1;H304	[1]
Nonylphenol polyethoxylate CAS Number: 127087-87-0	35-45	Eye Dam. 2A;H319 Skin Irrit. 2;H315 Aquatic Chronic 2;H411 Acute Tox. 4;H302	[1][3]



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In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Eyes</b>	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
<b>Skin</b>	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
<b>Ingestion</b>	Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

**Overview** Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

<b>Eyes</b>	Causes serious eye damage.
<b>Skin</b>	May cause an allergic skin reaction. Causes skin irritation.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Carbon dioxide, dry chemical, alcohol foam

#### 5.2. Special hazards arising from the substance or mixture



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Hazardous decomposition: Oxides of Carbon

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

Keep cool.

Ground / bond container and receiving equipment.

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

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust / fume / gas / mist / vapors / spray.

### 5.3. Advice for fire-fighters

Firefighters should wear full protective clothing including self-contained breathing apparatus.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Personal precautions: Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Environmental precautions: Do not discharge into lakes, streams, ponds or public waters.

Methods for containment: Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. Use water spray to reduce vapors or divert vapor cloud drift.

Methods for cleaning up: Remove sources of ignition. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use. Large Spills: Wet down with water and dike for later disposal. After removal flush contaminated area thoroughly with water.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Use good industrial hygiene practices in handling this material.

Wash thoroughly after handling.

When using do not eat or drink.

Avoid prolonged or repeated skin contact with this material. Avoid contact with eyes.



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Avoid breathing vapors or mists of this product.  
 Keep container tightly closed.  
 Use only with adequate ventilation.  
 See section 2 for further details. - [Prevention]:

**7.2. Conditions for safe storage, including any incompatibilities**

Handle containers carefully to prevent damage and spillage.  
 Incompatible materials: Acids. Oxidizers  
 Keep away from heat, open flames or other sources of ignition.  
 Keep out of reach of children.  
 Do not store at temperatures above 120 °F (49 °C).  
 Store in a closed container away from incompatible materials.  
 See section 2 for further details. - [Storage]:

**7.3. Specific end use(s)**

No data available.

## 8. Exposure controls and personal protection

**8.1. Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
0064742-47-8	Petroleum distillates, hydrotreated light	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	Recommended 300 ppm PEL
127087-87-0	Nonylphenol polyethoxylate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0005989-27-5	D-Limonene	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0064742-47-8	Petroleum distillates, hydrotreated light	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
127087-87-0	Nonylphenol polyethoxylate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;



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### 8.2. Exposure controls

#### Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

#### Eyes

Protective safety glasses recommended

#### Skin

Rubber gloves recommended.

#### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

#### Appearance

Clear Blue liquid

#### Odor

Characteristic

#### Odor threshold

Not Measured

#### pH

Not Measured

#### Melting point / freezing point

Not Measured

#### Initial boiling point and boiling range

Not Measured

#### Flash Point

139 F/59.44 C (Tag Closed Cup)

#### Evaporation rate (Ether = 1)

Not Measured

#### Flammability (solid, gas)

Not Applicable

#### Upper/lower flammability or explosive limits

**Lower Explosive Limit:** Not Measured

**Upper Explosive Limit:** Not Measured

#### Vapor pressure (Pa)

Not Measured

#### Vapor Density

Not Measured

#### Specific Gravity

0.894 ± 0.005

#### Solubility in Water

Not Measured

#### Partition coefficient n-octanol/water (Log Kow)

Not Measured

#### Auto-ignition temperature

Not Measured

#### Decomposition temperature

Not Measured

#### Viscosity (cSt)

Not Measured

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity



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Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

Strong Oxidizers

**10.4. Conditions to avoid**

Avoid high temperatures. Do not mix with other chemicals.

**10.5. Incompatible materials**

Acids. Oxidizers

**10.6. Hazardous decomposition products**

Oxides of Carbon

### 11. Toxicological information

**Acute toxicity**

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Petroleum distillates, hydrotreated light - (64742-47-8)	> 5,000.00, Rat - Category: NA	No data available	No data available	No data available	No data available
Nonylphenol polyethoxylate - (127087-87-0)	2,000.00, Rat - Category: 4	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable



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Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	1	May be fatal if swallowed and enters airways.

## 12. Ecological information

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Petroleum distillates, hydrotreated light - (64742-47-8)	45.00, Pimephales promelas	4,720.00, Dendronereides heteropoda	Not Available
Nonylphenol polyethoxylate - (9016-45-9)	1.30, Lepomis macrochirus	4.80, Daphnia pulex	12.00 (96 hr), Pseudokirchneriella subcapitata

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information





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	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	N/A	N/A	N/A
14.2. UN proper shipping name	N/A	N/A	N/A
14.3. Transport hazard class(es)	DOT Hazard Class: N/A	IMDG: N/A Sub Class: Not Applicable	Air Class: N/A
14.4. Packing group	N/A	N/A	N/A
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user	No further information		

## 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**US EPA Tier II Hazards**

Fire: Yes  
Sudden Release of Pressure: No  
Reactive: No  
Immediate (Acute): Yes  
Delayed (Chronic): No

### EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### New Jersey RTK Substances (>1%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Pennsylvania RTK Substances (>1%):



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To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H227 Combustible liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H411 Harmful to aquatic life with long lasting effects.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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