

This safety data sheet complies with the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issue Date: 2016-03-08

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Revision Number: 2

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Product name** AGITAN® 5091  
**Material No.** 5782  
**Historic Material No.** U15091

*Contains Petroleum distillates, solvent dewaxed heavy paraffinic, Petroleum distillates, solvent dewaxed light paraffinic*

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

**Relevant identified uses** Anti-foaming agent (defoamer)  
**Uses advised against** Consumer use

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

**Manufacturer** Munzing - Ultra Additives LLC.  
1455 Broad Street  
Bloomfield NJ 07003  
United States

Email: info@munzing.us  
Phone: 1-973-279-1306

**Supplier** Münzing Chemie GmbH  
Münzingstrasse 2  
74232 Abstatt  
Germany

Email: info@munzing.com  
Phone: +49 (0) 7131/987-0

### Emergency Telephone

**Emergency telephone** CHEMTREC: +1 703 741 5970

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### **Classification according to Regulation (EC) No. 1272/2008 [CLP]**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

### 2.2. Label Elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

EUH210 - Safety data sheet available on request

**Precautionary Statements - EU (§28, 1272/2008)**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

**2.3. Other hazards**

No information available.

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixtures**

**Chemical nature of the product** Petroleum oil-based mixture

Chemical name	EC No.	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH No.
Petroleum distillates, solvent dewaxed light paraffinic	265-159-2	64742-56-9	20 - 50	Asp. Tox. 1 (H304) Note L applies	-
Petroleum distillates, solvent dewaxed heavy paraffinic	265-169-7	64742-65-0	50 - 75	Note L applies	-

Full text of H- and EUH-phrases: see section 16

**Note L:**

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346. This note applies only to certain complex oil derived substances in Annex I.

**Section 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move victim to fresh air.
<b>Ingestion</b>	Clean mouth with water. Do NOT induce vomiting.
<b>Self-Protection of the First Aider</b>	Use personal protection equipment.

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

**Most important symptoms and effects** No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**Section 5: FIRE FIGHTING MEASURES**

**5.1. Extinguishing media**

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Alcohol resistant foam.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

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

**Hazardous combustion products** May burn violently. Decomposition may be self-accelerating and produce large amounts of gases. Carbon oxides.

### **5.3. Advice for firefighters**

**Advice for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions** Use personal protection equipment. Avoid contact with skin, eyes or clothing.

**Protective precautions** Use personal protection equipment.

### **6.2. Environmental precautions**

**Environmental precautions** Avoid release to the environment.

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

**Methods for Containment** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**Methods for Clean-Up** Take up mechanically, placing in appropriate containers for disposal.

### **6.4. Reference to other sections**

**Reference to other sections** See Sections 5 & 7 for additional information.

## **Section 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse. Do not get in eyes, on skin, or on clothing. Slippery, can cause falls if walked on.

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

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place.

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

**Specific Uses** No information available.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

<b>Exposure limits</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Derived No Effect Level (DNEL)</b>	No information available.
<b>Predicted No Effect Concentration (PNEC)</b>	No information available.

### 8.2. Exposure controls

<b>Engineering Controls</b>	Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Personal protective equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields. If splashes are likely to occur, wear:. Goggles.
<b>Skin protection</b>	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. PVC. Neoprene. PVA.
<b>Respiratory protection</b>	If exposure limits are likely to be exceeded or if irritation or other symptoms are experienced, NIOSH/MSHA or EN 136 approved respiratory protection should be worn.
<b>Environmental exposure controls</b>	No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Opaque, Off-white
<b>Odor</b>	Slight
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
<b>pH</b>	No information available	No information available
<b>Melting point</b>	No information available	No information available
<b>Boiling point</b>	No information available	No information available
<b>Flash Point</b>	No information available	No information available
<b>Evaporation rate</b>	No information available	No information available
<b>Flammability (solid, gas)</b>	No information available	No information available
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No information available	
<b>Lower flammability limit</b>	No information available	
<b>Vapor Pressure</b>	< 0.01	No information available
<b>Vapor density</b>	No information available	No information available
<b>Specific Gravity</b>	No information available	No information available
<b>Water Solubility</b>	No information available	No information available
<b>Solubility in other solvents</b>	No information available	No information available
<b>Partition coefficient: n-octanol/water</b>	No information available	No information available
<b>Autoignition temperature</b>	No information available	No information available
<b>Decomposition temperature</b>	No information available.	No information available
<b>Viscosity</b>	1500 cPs	Dynamic viscosity
<b>Explosive properties</b>	No information available	

Oxidizing properties No information available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity Stable under normal conditions.

### 10.2. Chemical stability

Chemical Stability Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

Conditions to Avoid Heat, flames and sparks.

### 10.5. Incompatible materials

Incompatible Materials Strong oxidizing agents.

### Hazardous decomposition products

Hazardous decomposition products Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon oxides.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute Toxicity

#### Product Information

**Eyes** Contact with eyes may cause irritation. Avoid contact with eyes.

**Skin** Substance may cause slight skin irritation. Avoid contact with skin.

**Inhalation** Inhalation of vapors in high concentration may cause irritation of respiratory system.

**Ingestion** Due to the viscosity, this product does not present an aspiration hazard.

**Unknown acute toxicity** Not applicable.

ATEmix (oral) 4,230.00 mg/kg  
 ATEmix (dermal) 2,030.00 mg/kg  
 ATEmix (inhalation-dust/mist) 8.90 mg/L

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Synthetic wax	> 5000 mg/kg ( Rat )	> 20,000 mg/kg ( Rabbit )	>6.3 mg/L ( Rat )

Polyalkylene glycol	= 3750 mg/kg ( Rat ) > 2 g/kg ( Rat )		
Petroleum distillates, solvent dewaxed light paraffinic	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 5399 mg/m <sup>3</sup> ( Rat ) 4 h
Petroleum distillates, solvent dewaxed heavy paraffinic	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	> 2400 mg/m <sup>3</sup> ( Rat ) 4 h

**Skin Corrosion/Irritation** No information available.

**Eye damage/irritation** No information available.

**Sensitization** No information available.

**Mutagenic effects** No information available.

**Reproductive Effects** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration Hazard** No information available.

**Carcinogenic effects** The table below indicates whether each agency has listed any ingredient as a carcinogen. The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen. This note applies only to certain complex oil derived substances in Annex I.

Chemical name	EU Annex I Carcinogen Information
Petroleum distillates, solvent dewaxed light paraffinic	Carc. 1B
Petroleum distillates, solvent dewaxed heavy paraffinic	Carc. 1B

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecotoxicity** Discharge into the environment must be avoided. Aquatic toxicity is unlikely due to low solubility.

Chemical name	Algae	Fish	Daphnia magna
Synthetic wax	-	LC50 (96 h): >1000 mg/l (Rainbow trout)	EC50 (48 h): 140 mg/l (Daphnia)
Polyalkylene glycol	-	LC50 (96h): >100 mg/L (Rainbow trout)	EC50 (48 h): > 100 mg/l
Synthetic wax	-	-	EC50 (48 h): 140 mg/l (Daphnia)
Petroleum distillates, solvent dewaxed light paraffinic	-	5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
Petroleum distillates, solvent dewaxed heavy paraffinic	-	5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50

**Unknown Aquatic Toxicity** Not applicable.

### Persistence and degradability

**Persistence and degradability** . Not readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulation/Accumulation** . Not likely to bioaccumulate.

**12.4. Mobility in soil**

**Mobility in Environmental Media** The product is insoluble and floats on water. .

**12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** . Not applicable.

**12.6. Other adverse effects**

**Other adverse effects** . No information available.

## Section 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

**Waste from residues/unused products** Contain and dispose of waste according to local regulations.

**Contaminated packaging** Empty containers should be taken for local recycling, recovery or waste disposal. Do not burn, or use a cutting torch on, the empty drum.

**Waste codes / waste designations according to EWC / AVV** Not applicable.

## Section 14: TRANSPORT INFORMATION

**ADR/RID** Not regulated

**IMDG/IMO** Not regulated

**IATA** Not regulated

## Section 15: REGULATORY INFORMATION

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****International Inventories**

<b>US TSCA</b>	Complies
<b>Australia (AICS)</b>	Complies
<b>Canada (DSL)</b>	Complies
<b>China (IECSC)</b>	Complies
<b>Europe (EINECS/ELINCS/NLP)</b>	Complies
<b>Japan (ENCS)</b>	Complies
<b>South Korea (KECL)</b>	Complies
<b>Philippines (PICCS)</b>	Complies
<b>New Zealand</b>	Complies
<b>Taiwan (TCSI)</b>	Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**Germany****WGK Classification (AwsV)** Water endangering class = 1 (self estimation)**European Union****Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work****Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**15.2. Chemical safety assessment**

No information available

**Section 16: OTHER INFORMATION****Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H304 - May be fatal if swallowed and enters airways

**Legend**

SVHC: Substances of Very High Concern for Authorization:

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

\* - Skin designation

**Classification procedure** Minimum classification**Issue Date:** 2016-03-08**Revision Date:** 2019-07-24**Reason for revision** Not applicable.**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006****Disclaimer**

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**End of Safety Data Sheet**