



# Start-Stop Engine Protector

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

MSDS Version: E01.00

Date of issue: 26/05/2015

Blend Version: 1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Start-Stop Engine Protector

Product code : W77263

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Oil additive

##### 1.2.2. Uses advised against

No additional information available

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

Wynn's Belgium  
Industriepark-West 46  
9100 Sint-Niklaas - Belgium  
T +32 3 766 60 20 - F +32 3 778 16 56  
[msds@wynns.eu](mailto:msds@wynns.eu) - [www.wynns.be](http://www.wynns.be)

#### 1.4. Emergency telephone number

Emergency number : BIG: +32(0)14/58.45.45

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Not classified

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**

Not classified

#### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

EUH-statements : EUH210 - Safety data sheet available on request

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name                                                                                    | Product identifier                                                                                                        | % w     | Classification according to Directive 67/548/EEC |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------|
| Distillates (petroleum), hydrotreated heavy paraffinic, Baseoil - unspecified           | (CAS No) 64742-54-7<br>(EC no) 265-157-1<br>(EC index no) 649-467-00-8<br>(REACH-no) 01-2119484627-25                     | 50 - 75 | Not classified                                   |
| N-phenylbenzenamine, reaction products with 2,4,4-trimethylpentene                      | (CAS No) 68411-46-1<br>(EC no) 270-128-1<br>(REACH-no) 01-2119491299-23                                                   | 1 - 2,5 | R52/53                                           |
| Reaction Mass Of Isomers Of: C7-9-Alkyl 3-(3,5-Di-Tert-Butyl-4-Hydroxyphenyl)Propionate | (CAS No) 125643-61-0<br>(EC no) 406-040-9<br>(EC index no) 607-530-00-7<br>(REACH-no) 01-2119878226-29 / 01-0000015551-76 | 1 - 2,5 | R53                                              |

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| Name                                                                                    | Product identifier                                                                                                        | % w     | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
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| N-phenylbenzenamine, reaction products with 2,4,4-trimethylpentene                      | (CAS No) 68411-46-1<br>(EC no) 270-128-1<br>(REACH-no) 01-2119491299-23                                                   | 1 - 2,5 | Aquatic Chronic 3, H412                                         |
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Full text of R- and H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice. |
| First-aid measures after inhalation   | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.                                                                                                                                                                                                                                                                                                                                                   |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.                                                                                                                                                                                                                                                                                                                                                       |
| First-aid measures after eye contact  | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.                                                                                                                                                                                                                                                                                                                                     |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.                                                                                                                                                                                                                                                                                                                                                                                                                              |

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

No additional information available

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. AFFF foam. ABC-powder.

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

Fire hazard : Combustible liquid.  
Explosion hazard : No direct explosion hazard.

### 5.3. Advice for firefighters

Firefighting instructions : Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

General measures : Spill area may be slippery. No open flames. No smoking.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves and eye/face protection.  
Emergency procedures : Mark the danger area. Take off contaminated clothing and wash before reuse.

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### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

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

For containment : Contain leaking substance, pump over in suitable containers.

Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean with detergents. Avoid solvent cleaners.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Meets the legal requirements. IF ON SKIN: Wash with plenty of soap and water. Presents no particular risk when handled in accordance with good occupational hygiene practice.

Hygiene measures : Use good personal hygiene practices. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

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

Storage conditions : Keep container tightly closed. Meet the legal requirements.

Storage area : Meets the legal requirements. Store in a dry place. Protect from heat and direct sunlight.

Special rules on packaging : correctly labelled. Store in a closed container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures.

Personal protective equipment : Gloves. Safety glasses.



Hand protection : Neoprene. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer.

Other information : Breakthrough time : >30'. Thickness of the glove material >0,1 mm.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid

Appearance : Viscous.

Colour : amber. brown.

Odour : characteristic. Sulfur.

Odour threshold : No data available

pH :

Relative evaporation rate (butylacetate=1) : No data available

refraction index : 1,477

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|                                  |                                   |
|----------------------------------|-----------------------------------|
| Melting point                    | : No data available               |
| Freezing point                   | : No data available               |
| Boiling point                    | : No data available               |
| Flash point                      | : > 180 °C                        |
| Auto-ignition temperature        | : No data available               |
| Decomposition temperature        | : No data available               |
| Flammability (solid, gas)        | : No data available               |
| Vapour pressure                  | : No data available               |
| Relative vapour density at 20 °C | : No data available               |
| Relative density                 | : No data available               |
| Density @20°C                    | : 866 kg/m <sup>3</sup>           |
| Solubility                       | : Insoluble in water.             |
| Log Pow                          | : No data available               |
| Log Kow                          | : No data available               |
| Viscosity, kinematic @40°C       | : 249,6 mm <sup>2</sup> /s        |
| Viscosity, dynamic @40°C         | : No data available               |
| Viscosity                        | : 34,93 mm <sup>2</sup> /s @100°C |
| Viscosity Index                  | :<br>188,67                       |
| Explosive properties             | : No data available               |
| Oxidising properties             | : No data available               |
| Explosive limits                 | : No data available               |

### 9.2. Other information

|                        |                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Other properties       | : Dimethylsulfoxide (DMSO) <3%.                                                                                                      |
| Additional information | : The physical and chemical data in this section are typical values for this product and are not intended as product specifications. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Keep away from strong acids and strong oxidizers.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                                  |                  |
|--------------------------------------------------|------------------|
| Acute toxicity                                   | : Not classified |
| Skin corrosion/irritation                        | : Not classified |
| Serious eye damage/irritation                    | : Not classified |
| Respiratory or skin sensitisation                | : Not classified |
| Germ cell mutagenicity                           | : Not classified |
| Carcinogenicity                                  | : Not classified |
| Reproductive toxicity                            | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |

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Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

##### **N-phenylbenzenamine, reaction products with 2,4,4-trimethylpentene (68411-46-1)**

Persistence and degradability : Not readily biodegradable in water. Photolysis in the air.

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

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

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Remove to an authorized waste treatment plant.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Not applicable

#### 14.3. Transport hazard class(es)

Not applicable

#### 14.4. Packing group

Not applicable

#### 14.5. Environmental hazards

Other information : No supplementary information available.

#### 14.6. Special precautions for user

##### 14.6.1. Overland transport

No additional information available

##### 14.6.2. Transport by sea

No additional information available

##### 14.6.3. Air transport

No additional information available

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Start-Stop Engine Protector is not on the REACH Candidate List

Contains no substance on the REACH candidate list

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Contains no REACH Annex XIV substances

### 15.1.2. National regulations

Water hazard class (WGK) : 1 - low hazard to waters

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of R-, H- and EUH-statements:

|                   |                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------|
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3                            |
| Aquatic Chronic 4 | Hazardous to the aquatic environment — Chronic Hazard, Category 4                            |
| Asp. Tox. 1       | Aspiration hazard, Category 1                                                                |
| H304              | May be fatal if swallowed and enters airways                                                 |
| H412              | Harmful to aquatic life with long lasting effects                                            |
| H413              | May cause long lasting harmful effects to aquatic life                                       |
| R52/53            | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R53               | May cause long-term adverse effects in the aquatic environment                               |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*