

**Washing fluid for diesel particulate filter**

Acc. to: 1907/2006/EG, 2015/830/UE

Issue, dated: 13.12. 2019

Version EN:1.0;

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

**1.1. Product identifier** Washing fluid for diesel particulate filter

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Identified uses / uses advised against: Cleaner

**1.3. Details of the supplier of the safety data sheet**  
Intermotive Solutions  
ul. Mieszka I 35  
05-120 Legionowo

E-mail address of the person responsible for data sheet: [info@spin-doradztwo.pl](mailto:info@spin-doradztwo.pl)

**1.4. Emergency telephone number** 22 784 47 75 (hours: 8.00 – 16.00)  
112 (general emergency telephone number), 998 (fire-brigade), 999 (ambulance);

**SECTION 2: Hazards identification**

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

Acc. Reg. 1272/2008:

Eye Irrit. 2; H319

**Human health dangers:**  
Causes serious eye irritation.

**Environmental hazards:**  
None

**Physic-chemical hazards:**  
None

**2.2. Label elements**

**Pictograms:**



**Signal word:** Warning

**Hazard Statement:**

**H319** – Causes serious eye irritation

**Precautionary Statement:**

**P102** – Keep out of reach of children.

**P305+P351+P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P337+P313** – If eye irritation persists: Get medical advice/ attention.

**P501** – Dispose of contents/container to to properly labeled waste containers in accordance with national regulations.

Acc. To Regulation 648/2004:

Contains:

<5% anionic surfactants;

<5% nonionic surfactants

Preservatives (METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, 2-BROMO-2-NITROPROPANE-1,3-DIOL)

**2.3. Other hazards**

Substances in the product does not meet the criteria for PBT and vPvB (Annex XIII).

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**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable.

**3.2. Mixtures**

Hazardous components:

Substance name	Contains %	Classification 1272/2008	
		Hazard Class and Category Code(s)	Hazard statement Code(s)
Sodium carbonate CAS No.: 497-19-8 EINECS No.: 207-838-8 Index No.: 011-005-00-2 REACH No.: 01-2119485498-19-XXXX	10	Eye Irrit. 2	H319
Alcohols, C12-14, ethoxylated, sulfates, sodium salts * CAS No.: 68891-38-3 EINECS No.: 500-234-8 Index No.: - REACH No.: 01-2119488639-16-XXXX	<1	Eye Dam. 1 Skin Irrit. 2 Aquatic Chronic 3	H318 H315 H412
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. CAS No.: 85536-14-7 EINECS No.: 287-494-3 Index No.: - REACH No.: 01-2119490234-40-004	<1	Acute Tox. 4 Skin Corr. 1A Aquatic Chronic 3	H302 H314 H412

Full text of hazard statements (H) in Section 16

\*specific concentration limits: 5- 10% Eye Irrit. 2; H319; &gt;10% Eye Dam. 1; H318

**SECTION 4: First aid measures****4.1. Description of first aid measures****Skin contact:**

Remove contaminated clothing. Flush contaminated skin with plenty of water. Get medical attention if irritation occurs.

**Eye contact:**

Immediately flush eyes with plenty of water, occasionally lifting upper and lower eyelids. Check and remove any contact lenses. Continue to rinse for at least 15minutes. Get medical attention.

**Inhalation:**

Remove to fresh air. Keep person warm and at rest. Consult a doctor.

**Ingestion:**

Do not induce vomiting, give to drink plenty of water. Contact your doctor.

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

Eye contact: Causes serious eye irritation.

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

The decision about how to proceed is made by the doctor after a thorough assessment of the victim.

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### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

**Suitable extinguishing media:** Dry chemical, CO<sub>2</sub>, water spray (fog) or foam. Use appropriate extinguishing method for conditions.

**Unsuitable extinguishing media:** strong water jet

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

None.

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

Containers in fire area cooled with water spray, if it is possible to remove the danger zone. In the event of a fire in a confined space should wear protective clothing and breathing apparatus with compressed air. Do not allow fire-fighting water run-off into surface water, groundwater and sewer.

### **SECTION 6: Accidental release measures**

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

*For non-emergency personnel:* notify the appropriate service. Remove from the hazardous area who does not participate in liquidation of failure.

*For emergency responders:* Ensure adequate ventilation. Use personal protective equipment.

#### **6.2. Environmental precautions**

Prevent from spreading or escaping into drains and reservoirs.

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

Prevent leakage and absorb with inert, absorbent material (such as sand, earth, vermiculite, diatomaceous earth, etc.). The contaminated material is placed in properly labeled containers for disposal in accordance with applicable regulations.

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

Disposal considerations – see section 13.

Personal precautions – see section 8.

### **SECTION 7: Handling and storage**

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

Avoid eye and prolonged skin contact. Each time after work wash hands with warm soapy water. When working with the product do not smoke, eat or drink.

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

Store in a cool, dry, well ventilated place in properly labeled and tightly closed original container. Avoid direct sunlight and heat sources, hot surfaces and open flames.

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

Cleaner

### **SECTION 8: Exposure controls/personal protection**

#### **8.1 Control parameters:**

Occupational Exposure Limits:

None.

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

DNEL worker, inhalation, long-term, systemic: 175mg/m<sup>3</sup>

DNEL worker, dermal, long-term, systemic: 2750mg/kg

DNEL worker, dermal, long-term, local: 0,132mg/cm<sup>2</sup>

DNEL consumer, dermal, long-term, systemic: 1650mg/kg

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DNEL consumer, inhalation, long-term, systemic: 52mg/m<sup>3</sup>

DNEL consumer, oral, long-term, systemic: 15mg/kg

DNEL consumer, dermal, long-term, local: 0,079mg/cm<sup>2</sup>

PNEC fresh water: 0,24mg/l

PNEC Marine water: 0,024mg/l

PNEC sediment fresh water: 0,9168mg/kg

PNEC sediment marine water: 0,0917mg/kg

PNEC sporadic release: 0,071mg/l

PNEC STP: 10000mg/l

PNEC soil: 7,5mg/kg

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

DNEL worker, inhalation, long-term: 12mg/m<sup>3</sup>

DNEL worker, dermal, long-term: 170mg/kg

DNEL consumer, inhalation, long-term: 3mg/m<sup>3</sup>

DNEL consumer, dermal, long-term: 850mg/kg

DNEL consumer, oral, long-term: 0,85mg/kg

PNEC fresh water: 0,287mg/l

PNEC marine water: 0,0287mg/l

PNEC sediment fresh water: 0,287mg/kg

PNEC sediment marine water: 0,287mg/kg

PNEC STP: 3,43mg/l

**8.2. Exposure controls**

It is recommended to use proper ventilation.

**Individual protection measures, such as personal protective equipment:**

**Eye protection:**

Not required under normal conditions of use. Avoid eye contamination.

**Skin protection:**

Hands:

Not required under normal conditions of use.

*Other:*

Not required under normal conditions of use

**Respiratory Protection:**

Not required under normal conditions of use

**Thermal hazards:**

Not applicable.

**Environmental exposure controls:**

Prevent the spread in the environment and enter drains and watercourses.

**SECTION 9: Physical and chemical properties**

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

Appearance	Liquid, slightly cloudy
Odour	Odorless
Odour threshold	Not applicable
pH	10 – 11
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable

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Flammability (solid, gases)	Not applicable
Upper/lower flammability or explosive limits	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable
Relative density	1,09g/cm <sup>3</sup>
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	Not applicable
Self-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable
Explosive properties	Not applicable
Oxidizing properties	Not applicable

**9.2. Other information**

None

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No specific test data related to reactivity available.

**10.2. Chemical stability**

Stable under normal conditions of use, storage and transport.

**10.3. Possibility of hazardous reactions**

None.

**10.4. Conditions to avoid**

Heat, sparks, open flames, ignition sources.

**10.5. Incompatible materials**

None.

**10.6. Hazardous decomposition products**

None.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects:**

- (a) acute toxicity: Based on available data, the classification criteria are not met.
- (b) skin corrosion/irritation: Based on available data, the classification criteria are not met.
- (c) serious eye damage/irritation: **Causes serious eye irritation.**
- (d) respiratory or skin sensitization: Based on available data, the classification criteria are not met.
- (e) germ cell mutagenicity: Based on available data, the classification criteria are not met.
- (f) carcinogenicity: Based on available data, the classification criteria are not met.
- (g) reproductive toxicity: Based on available data, the classification criteria are not met.
- (h) STOT-single exposure: Based on available data, the classification criteria are not met.
- (i) STOT-repeated exposure: Based on available data, the classification criteria are not met.
- (j) aspiration hazard: Based on available data, the classification criteria are not met.

Sodium carbonate

LD50 rat, oral: 2800mg/kg

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LD50 rabbit, dermal: >2000mg/kg

LC50 inhalation, guinea pig: 1200mg/m<sup>3</sup>

LC50 inhalation, mouse: 800mg/m<sup>3</sup>

LC50 inhalation, rat: 2300mg/m<sup>3</sup>

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

LD50 rat, oral: >2000 - 5000mg/kg

LD50 rat, dermal: >2000mg/kg

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

LD50 rat, oral: 1470mg/kg

LD50 rat, dermal: > 2000mg/kg

NOAEL rat, oral: 125mg/kg

LOAEL rat, oral: 250mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

Do not allow product to reach ground water, sewers and waterways.

Sodium carbonate

LC50 Lepomis macrochirus: 300mg/l, 96h

EC50 Daphnia magna: 200 – 227mg/l, 48h

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

LC50 Brachydanio rerio: > 1 - 10 mg/l,

NOEC (28d) Oncorhynchus mykiss: 0,14 mg/l;

EC50 (48h) Daphnia magna: > 1 - 10 mg/l

NOEC (21d) Daphnia magna: 0,27 mg/l;

EC50 (72h) Desmodesmus subspicatus: > 10 - 100 mg/l ;

EC10 Pseudomonas putida: > 10.000 mg/l;

NOEC (56d) Eisenia fetida: 750 mg/kg;

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

LC50 (Lepomis macrochirus): 1,67mg/l, 96h

LC50 (Hyalella azteca): 7,6 mg/kg, 48h

EC50 (Daphnia magna): 2,9 mg/kg, 48h

EC50 (Pseudokirchneriella subcapitata): 29 mg/l, 96h

NOEC (Poecilia reticulata): 3,2 mg/l, 28d

NOEC (Oncorhynchus mykiss): 0,23mg/l, 72d

NOEC (Tilapia mossambica): 0,25mg/l, 90d

NOEC (Pimephales promelas): 0,63mg/l, 196d

NOEC (Daphnia magna): 1,41mg/l, 21d

NOEC (Ceriodaphnia dubia): 0,59mg/l, 72d

### 12.2. Persistence and degradability

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Readily biodegradable:> 70%; 28 days; OECD Guideline 301 A

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

Readily biodegradable: 81,1%

The surfactants contained in this mixture comply with the biodegradability criteria stipulated in Regulation (EC) 648/2004 on detergents. The information to prove this is available to the relevant authorities of the Member States and will be shown to them by direct request or the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Adsorption/soil: K o/c: 2.2 (calculated) highly mobile in soil

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### 12.5. Results of PBT and vPvB assessment

Substances in the product does not meet the criteria for PBT and vPvB.

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Recommendations for the product: Dispose of in accordance with local regulations. Store in original containers. Waste code should be given at the place of manufacture.

Recommendations for used packaging: Recycle / recycle / dispose of packaging waste in accordance with applicable regulations. Only fully emptied packaging can be recycled.

**Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives**

## SECTION 14: Transport information

ADR/RID/IMDG/IATA:

### 14.1. UN number

Not classified as "DANGEROUS GOODS"

### 14.2. UN proper shipping name

Not classified as "DANGEROUS GOODS"

### 14.3. Transport hazard class(es)

Not classified as "DANGEROUS GOODS"

### 14.4. Packing group

Not classified as "DANGEROUS GOODS"

### 14.5. Environmental hazards

Not classified as "DANGEROUS GOODS"

### 14.6. Special precautions for user

Not classified as "DANGEROUS GOODS"

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

Not classified as "DANGEROUS GOODS"

## SECTION 15: Regulatory information

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

#### EU REGULATIONS:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
2. Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
3. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).

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4. Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives

### 15.2. Chemical safety assessment

No chemical safety assessments for substance.

## SECTION 16: Other information

### Abbreviations and acronyms, list of relevant hazard statements used in the safety data sheet:

**H302** – Harmful if swallowed

**H314** – Causes severe skin burns and eye damage.

**H315** – Causes skin irritation

**H318** – Causes serious eye damage

**H319** – Causes serious eye irritation

**H412** – Harmful to aquatic life with long lasting effects

### **Opis użytych skrótów, akronimów i symboli:**

**Acute Tox. 4** – Acute toxicity cat. 4

**Eye Dam. 1** – Serious eye damage cat. 1

**Skin Corr. 1A** Skin corrosion cat. 1A

**Skin Irrit. 2** – Skin irritation cat. 2

**Eye Irrit. 2** – Eye irritation cat. 2

**Aquatic Chronic 22** – Hazardous to the aquatic environment cat. 2

**DNEL** Derived no-effect level

**PNEC** Predicted No-Effect Concentration

**LC50** – Lethal concentration, 50 percent

**LD50** – Lethal Dose, 50 percent

**EC50** – Effective concentration, 50 percent

**NOEC** – No observed effects concentration

**NOAEL** – No observed adverse effects level

**LOAEL** – Lowest observed adverse effects level

**PBT** – Persistent, Bioaccumulative and Toxic

**vPvB** – very Persistent and very Bioaccumulative

**ADR** – International Carriage of Dangerous Goods by Road

**RID** – International Carriage of Dangerous Goods by Rail

**IMDG** – International Maritime Dangerous Goods

**ICAO** – Safe Transport of Dangerous Goods by Air

### Method of classification:

Eye Irrit. 2; H319 – based on the content of ingredients (calculation method)

### Training:

Read the safety data sheet.

### RESOURCES

Annex to Regulation (EU) 2015/830 of 28 May 2015.

Current legislation (Section 15).

Information Agency for Chemical Substances.

The information contained herein should be considered only as an aid for the safe use of **Washing fluid for diesel particulate filter**. Since the conditions of storage, transport and use are beyond our control, can not constitute a guarantee in the legal sense. In any case, you must observe the laws and any third party rights. The document does not estimate the risks in the workplace. Product should not be used for purposes other than those specified in Section 1 without first consulting with supplier.