

**DATA SAFETY**

(Rule REACH (CE) n° 1907/2006 - n° 2015/830)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY /****1.1. Product identifier****Product Name:** EXEL MOTOR ICE WASH TABLETS Product Code: 14**1.2. Relevant identified uses** of the substance or mixture and uses advised against  
Ice wash tablets**1.3. Information on the supplier of the safety data sheet****Company name:** RIVIERA RACING**Address:** 382 Grange de Capoun ~ 06140 COURSEGOULES - FRANCE**Phone:** 0493242231 Email: rivieraracing@free.fr - www.exel-motor.fr**1.4. Emergency telephone number:** 112.

Company / Organization: INRS Telephone: 01 42 45 59 59.

**SECTION 2 : IDENTIFICATION OF RISKS****2.1. Classification of the substance or mixture**

In accordance with Regulation (EC) No 1272/2008 and its adaptations.

Serious eye damage, Category 1 (Eye Dam.1, H318).

This mixture does not present a physical danger. See the recommendations concerning the other products present in the room.

This mix does not present any danger to the environment. No harm to the environment is known or foreseeable under normal conditions of use.

**2.2. Labeling elements**

The mixture is a detergent product (see section 15).

In accordance with Regulation (EC) No 1272/2008 and its adaptations.

Hazard pictograms:

GHS05

Signal word:

DANGER Product identifier:

CAS 85586-07-8 SULFURIC ACID, C12-C14 MONO-ALKYL ESTER, SODIUM SALTS

Hazard statements and additional information on hazards: H318

Causes serious eye damage.

Precautionary statements -

Generals: P101 If medical advice is needed, have the container or label at hand.

P102 Keep out of reach of children.

Precautionary statements -

Prevention: P280 Wear protective gloves / protective clothing / eye protection / face protection.

GHS05

**Signal word:**

DANGER

**Product identifier:**

CAS 85586-07-8 SULFURIC ACID, C12-C14 MONO-ALKYL ESTER, SODIUM SALTS

**Hazard statements and additional information on hazards:**

H318 Causes serious eye damage. Precautionary statements - Generals:

P101 If medical advice is needed, have the container or label at hand.

P102 Keep out of reach of children. Precautionary statements - Prevention:

P280 Wear protective gloves / protective clothing / eye protection / face protection. Caution advice - Response:

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

P310 Immediately call a POISON CENTER / doctor / ...

**2.1. Other hazards**

In use, may form flammable / explosive dust-air mixture.

 The mixture does not contain 'Substances of very high concern' (SVHC) > = 0.1% published by the European Chemicals Agency (ECHA) according to section 57 of REACH: <http://echa.europa.eu/en/candidate-list-table>

The mixture does not meet the criteria for PBT or vPvB mixtures according to Annex XIII of REACH Regulation (EC) No 1907/2006.

**SECTION 3 : COMPOSITION/INFORMATIONS ON COMPONENTS**
**3.2. Mixed**
**Composition :**

Identification	(CE) 1272/2008	Nota	%
CAS: 77-92-9 EC: 201-069-1  CITRIC ACID	GHS07 Wng Eye Irrit. 2, H319		25 <= x % < 50
INDEX: 016-026-00-0 CAS: 5329-14-6 EC: 226-218-8  SULFAMIC ACID	GHS07 Wng Eye Irrit. 2, H319 Skin Irrit. 2, H315 Aquatic Chronic 3, H412		2.5 <= x % < 10
CAS: 85586-07-8  SULFURIC ACID, C12-C14 MONO-ALKYL ESTER, SODIUM SALTS	GHS07, GHS05 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412		2.5 <= x % < 10

**SECTION 4 : FIRST RESCUE**

In general, if in doubt or if symptoms persist, always call a doctor. NEVER give anything to an unconscious person.

**4.1. Description of first aid measures In case of contact with eyes:**

Wash thoroughly with fresh, clean water for 15 minutes holding eyelids apart.

Whatever the initial state, systematically address the subject to an ophthalmologist, showing him the label.

If pain, redness or visual discomfort occurs, consult an ophthalmologist.

In case of contact with the skin:

Beware of the product that may exist between the skin and clothing, watch, shoes, ...

If swallowed:

Consult a doctor by showing him the label.

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

No data is available.

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

No data is available.

## SECTION 5 : FIRE FIGHTING MEASURES

Non flammable.

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not inhale the smoke.

In case of fire, can be formed:

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)
- sulfur dioxide (SO<sub>2</sub>)

5.3. Advice to firefighters

No data is available.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Refer to the protective measures listed in sections 7 and 8.

For non-helpers

Avoid all contact with skin and eyes.

For rescuers

Stakeholders will be equipped with appropriate personal protection equipment (Refer to section 8).

6.2. Precautions for the protection of the environment

Prevent entry into sewers or streams.

6.3. Methods and material for containment and cleaning

Recover the product by mechanical means (sweeping / vacuuming): do not generate dust.

6.4. Reference to other topics

No data is available.

## SECTION 7 : MANIPULATION AND STORAGE

The requirements for storage rooms are applicable to the workshops where the mixture is handled.

7.1. Precautions for safe handling

Wash your hands after every use.

Remove and wash contaminated clothing before reuse.

Provide safety showers and eye fountains in workshops where the mix is handled consistently.

Fire prevention:

Prohibit access to unauthorized persons.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe the precautions indicated on the label as well as the regulations of the labor protection. It is imperative to avoid contact of the mixture with the eyes.

Prohibited equipment and procedures:

It is forbidden to smoke, eat and drink in the premises where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data is available.

Storage

Keep out of the reach of children.

Packaging

Always keep in packaging of the same material as the original.

7.3. Specific end use (s)

No data is available.

## SECTION 8 : EXPOSITION CONTROL/ INDIVIDUAL PROTECTION

### 8.1. Control settings

No data is available.

### 8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Pictogram (s) of obligation to wear personal protective equipment (PPE):

Use personal protective equipment that is clean and properly maintained.

Store personal protective equipment in a clean place away from the work area.

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Ensure adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Before any handling of powders or emission of dust, it is necessary to wear mask goggles in accordance with the NF EN166 standard.

Corrective eyewear is not a protection.

Provide eye fountains in workshops where the product is handled constantly.

#### - Hand protection

Wear appropriate protective gloves in case of prolonged or repeated contact with the skin.

Use appropriate protective gloves resistant to chemical agents in accordance with NF EN374. The selection of gloves should be made according to the application and the duration of use at the workplace.

Protective gloves should be chosen according to the workplace: other chemicals that can be handled, physical protections required (cutting, pitting, thermal protection), dexterity required.

Recommended features:

- Impervious gloves in accordance with NF EN374

- Body protection

Staff personnel will wear a regularly cleaned work uniform.

After contact with the product, all soiled parts of the body should be washed.

#### - Respiratory protection

Avoid inhalation of dust.

Wear a half-mask filter against single-use dust in accordance with standard NF EN149.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

Physical State: Powder.

Color blue

Important health, safety and environmental information

pH: Not concerned.

Boiling point / boiling range: Not relevant.

Flash point interval: Not relevant.

Vapor pressure (50 ° C): Not relevant.

Density:> 1

Water solubility: Soluble.

Melting point / range: Not relevant.

Autoignition Point / Range: Not relevant.

Decomposition Point / Range: Not relevant.

#### 9.1. Other information

No data is available.

## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data is available.

### 10.2. Chemical stability

This mixture is stable under the handling and storage conditions recommended in section 7.

### 10.3. Possibility of hazardous reactions

No data is available.

### 10.4. Conditions to avoid

To avoid :

- dust formation

Dust can form an explosive mixture with air.

### 10.5. Incompatible materials

No data is available.

### 10.6. Hazardous decomposition products

Thermal decomposition can release / form:

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

- sulfur dioxide (SO<sub>2</sub>)

## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

May cause irreversible eye damage such as ocular tissue damage or severe damage to vision that is not fully reversible within a 21-day observation period.

Serious eye damage is characterized by destruction of the cornea, persistent opacity of the cornea, inflammation of the iris (iritis).

#### 11.1.1. substances

Acute toxicity :

SULFURIC ACID, C12-C14 MONO-ALKYL ESTER, SODIUM SALTS (CAS: 85586-07-8)

Oral: LD50 = 1800 mg / kg Species: Rat

#### 11.1.1. Mixed

No toxicological information is available on the mixture.

Substance (s) described in a toxicological data sheet of the INRS (National Research and Safety Institute):

- Sulfamic acid (CAS 5329-14-6): See toxicological sheet n ° 209.

## SECTION 12 : ECOLOGICAL INFORMATIONS

### 12.1. Toxicity

#### 12.1.1. substances

SULFURIC ACID, C12-C14 MONO-ALKYL ESTER, SODIUM SALTS (CAS: 85586-07-8)

Toxicity to fish: LC50 = 3.6 mg / l

Exposure time: 96 h

Toxicity to crustaceans: EC50 = 4.7 mg / l

Species: Daphnia magna Exposure time: 48 h

NOEC = 0.508 mg/l

Species : Daphnia magna

Toxicity to algae:

CEr50 > 20 mg/l

Duration of exposure : 72 h

#### 12.1.1. mixtures

No aquatic toxicity information is available on the mixture.

**12.2. Persistence and degradability****12.2.1. substances**

SULFURIC ACID, C12-C14 MONO-ALKYL ESTER, SODIUM SALTS (CAS: 85586-07-8)

Biodegradation: No degradability data available, the substance is considered not degrading rapidly.

**12.3. Potential for bioaccumulation**

No data is available.

**12.4. Mobility in the soil**

No data is available.

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

The mixture does not meet the criteria for PBT or vPvB mixtures according to Annex XIII of REACH Regulation (EC) No 1907/2006.

**12.6. Other adverse effects**

No data is available.

**SECTION 13 : CONSIDERATIONS OF ELIMINATION**

Appropriate waste management of the mixture and / or its container shall be determined in accordance with the provisions of Directive 2008/98 / EC. 13.1.

**Waste treatment methods**

Do not pour into drains or streams.

Waste: Waste management is done without endangering human health and without harming the environment, and in particular without creating any risk for water, air, soil, fauna or flora.

Recycle or dispose of in accordance with current legislation, preferably by a collector or an approved company.

Do not contaminate soil or water with waste, do not dispose of in the environment.

Soiled packaging: Empty the container completely.

Keep the label on the container. Give to a certified disposal contractor.

**SECTION 14 : INFORMATIONS OF TRANSPORT**

Exempt from Transport classification and labeling.

Transport the product in accordance with the provisions of ADR for road, RID for rail, IMDG for the sea, and ICAO / IATA for air transport (ADR 2015 - IMDG 2014 - ICAO / IATA 2015).

**SECTION 15 : REGULATION INFORMATION**

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

- Classification and labeling information in section 2:

The following regulations have been taken into account:

- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 487/2013
- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 758/2013
- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 944/2013
- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 605/2014
- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 1297/2014

- Information about the packaging:

No data is available.

- Particular dispositions :

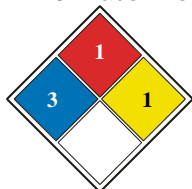
No data is available.

- Labeling of detergents (EC Regulation n ° 648/2004 and 907/2006):

- less than 5% of: anionic surfactants
- less than 5% of: nonionic surfactants
- less than 5% of: EDTA and salts

- US Standard Product Hazard Identification System for Emergency Response (NFPA 704):

NFPA 704 Label: Health = 3 Flammability = 1 Instability / Reactivity = 1 Specific risk = none



15.1. Chemical safety assessment  
No data is available.

## SECTION 16 : OTHER INFORMATIONS

Since the user's working conditions are not known to us, the information given in this safety data sheet is based on the state of our knowledge and on both national and Community regulations.

The mixture must not be used for other purposes than those specified in section 1 without first obtaining written handling instructions.

It is always the responsibility of the user to take all necessary measures to meet the requirements of local laws and regulations.

The information given in this safety data sheet shall be considered as a description of the safety requirements for this mixture and not as a guarantee of the properties of the mixture.

### Wording of sentences mentioned in section 3:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

### Abbreviations:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
IMDG:	International Maritime Dangerous Goods.
IATA:	International Air Transport Association.
ICAO:	International Civil Aviation Organization.
RID:	Regulations concerning the International carriage of dangerous goods by rail. GHS05: Corrosion.
PBT:	Persistent, bioaccumulative and toxic. vPvB: Very persistent and very bioaccumulative. SVHC: Substance of Very High Concern