

SPEED FLASH - 240000 / 240001

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : SPEED FLASH
Product code : 240000 / 240001.

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

Hyperactive surface degreaser

1.3. Details of the supplier of the safety data sheet

Registered company name : PERFORMANCE HYGIENE.
Address : 43 avenue de la forêt, ZAC Mermoz. 33320.EYSINES.France.
Telephone : 05 56 16 40 08 . Fax : .
contact@performance-hygiene.fr
www.performance-hygiene.fr
Distributeur

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

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

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS05

Signal Word :

DANGER

Product identifiers :

EC POLYMER ALCOHOLS, C9-11, ETHOXYLATED
CAS 9043-30-5 ISOTRIDECANOL, ETHOXYLATED (9 EO)

Hazard statements :

H318 Causes serious eye damage.

Precautionary statements - Prevention :

P280 Wear protective gloves and eye protection.

Precautionary statements - 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 or a doctor.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) \geq 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

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The mixture does not contain substances > = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
INDEX: 0702 CAS: 34590-94-8 EC: 252-104-2 REACH: 01-2119450011-60-XXXX (2-METHOXYMETHYLETHOXY)PROPANO L		[1]	2.5 <= x % < 10
INDEX: 0393 CAS: 68439-46-3 EC: POLYMER ALCOHOLS, C9-11, ETHOXYLATED	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318		0 <= x % < 2.5
INDEX: 0026 CAS: 9043-30-5 REACH: 01-2119976362-32 ISOTRIDECANOL, ETHOXYLATED (9 EO)	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318		0 <= x % < 2.5

Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: 0702 CAS: 34590-94-8 EC: 252-104-2 REACH: 01-2119450011-60-XXXX (2-METHOXYMETHYLETHOXY)PROPANO L		dermal: ATE = 9510 mg/kg BW
INDEX: 0393 CAS: 68439-46-3 EC: POLYMER ALCOHOLS, C9-11, ETHOXYLATED		oral: ATE = 1200 mg/kg BW

Information on ingredients :

(Full text of H-phrases: see section 16)

[1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures

In the event of exposure by inhalation :

Remove the victim away from the product. Provide fresh air. Consult a doctor in case the symptoms persist.

In the event of splashes or contact with eyes :

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

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin :

Rinse abundantly with clear water.

Remove soiled or splashed clothing

If an irritation appears or if the contamination is spread or prolonged, to consult a doctor.

Clothes may be reused only after cleaning.

In the event of swallowing :

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

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Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO₂)
- powder

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

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 breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

No action shall be taken involving any personal risk or without suitable training. Evacuate the area.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Neutralise with an acidic decontaminant.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

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Ensure that there is adequate ventilation, especially in confined areas.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Do NOT inhale the vapours

Fire prevention :

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture at all times.

Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Keep out of reach of children.

Store in its original packing, closed well. Keep out of light, heat, frost and humidity.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- European Union (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

CAS	VME-mg/m ³	VME-ppm	VLE-mg/m ³	VLE-ppm	Notes
34590-94-8	308	50	-	-	Peau

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA	STEL	Ceiling	Definition	Criteria
34590-94-8	100 ppm	150 ppm		Skin	

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

CAS	VME	VME	Excess	Notes
34590-94-8		50 ppm 310 mg/m ³		1(I)

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

CAS	VME-ppm	VME-mg/m ³	VLE-ppm	VLE-mg/m ³	Notes	TMP No
34590-94-8	50	308	-	-	*	84

- Switzerland (Suva 2021) :

CAS	VME	VLE	Valeur plafond	Notations
34590-94-8	50 ppm 300 mg/m ³	50 ppm 300 mg/m ³		

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA	STEL	Ceiling	Definition	Criteria
34590-94-8	50 ppm 308 mg/m ³			Sk	

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Final use:

Exposure method:

Potential health effects:

Workers.

Dermal contact.

Long term systemic effects.

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DNEL : 283 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 308 mg of substance/m³

Final use: **Consumers.**
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 36 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 121 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 37.2 mg of substance/m³

Predicted no effect concentration (PNEC):

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Environmental compartment: Soil.
PNEC : 2.74 mg/kg

Environmental compartment: Fresh water.
PNEC : 19 mg/l

Environmental compartment: Sea water.
PNEC : 1.9 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 190 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 70.2 mg/kg

Environmental compartment: Marine sediment.
PNEC : 7.02 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 4168 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

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

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

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Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.
Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- Natural latex
- Neoprene® (Polychloroprene)
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

Wash contaminated clothing before reuse.

- Respiratory protection

Under normal conditions of use, protection is not required.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Physical state : Fluid liquid.

Colour

Limpid green.

Odour

Odour threshold : Not stated.
Eucalyptus / mint

Melting point

Melting point/melting range : Not relevant.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not relevant.

Flammability

Flammability (solid, gas) : Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

Flash point

Flash point interval : Not relevant.

Auto-ignition temperature

Self-ignition temperature : Not relevant.

Decomposition temperature

Decomposition point/decomposition range : Not relevant.

pH

pH (aqueous solution) : Not stated.

pH : 11.15 +/- 0.25.
Slightly basic.

Kinematic viscosity

Viscosity : Not stated.

Solubility

Water solubility : Soluble.

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Fat solubility :	Not stated.
Partition coefficient n-octanol/water (log value)	
Partition coefficient: n-octanol/water :	Not stated.
Vapour pressure	
Vapour pressure (50°C) :	Not relevant.
Density and/or relative density	
Density :	1.00 +/- 0.01 g/cm3
Relative vapour density	
Vapour density :	Not stated.
9.2. Other information	
No data available.	
9.2.1. Information with regard to physical hazard classes	
No data available.	
9.2.2. Other safety characteristics	
No data available.	

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Conditions to avoid

Avoid :

- frost
- heat
- exposure to light

10.5. Incompatible materials

Keep away from :

- acids

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

11.1.1. Substances

Acute toxicity :

ISOTRIDECANOL, ETHOXYLATED (9 EO) (CAS: 9043-30-5)

Oral route : LD50 < 2000 mg/kg
Species : Rat

Dermal route : LD50 > 2000 mg/kg
Species : Rabbit

ALCOHOLS, C9-11, ETHOXYLATED (CAS: 68439-46-3)

Oral route : LD50 = 1200 mg/kg
Species : Rat

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Dermal route : 2,000 < LD50 <= 5000 mg/kg
Species : Rat

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)
Oral route : LD50 > 5000 mg/kg
Species : Rat

Dermal route : LD50 = 9510 mg/kg
Species : Rabbit

Germ cell mutagenicity :

ISOTRIDEKANOL, ETHOXYLATED (9 EO) (CAS: 9043-30-5)
No mutagenic effect.

ALCOHOLS, C9-11, ETHOXYLATED (CAS: 68439-46-3)
No mutagenic effect.

OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity :

ALCOHOLS, C9-11, ETHOXYLATED (CAS: 68439-46-3)
Carcinogenicity Test : Negative.
No carcinogenic effect.

11.1.2. Mixture

No toxicological data available for the mixture.

11.2. Information on other hazards

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

ALCOHOLS, C9-11, ETHOXYLATED (CAS: 68439-46-3)
Fish toxicity : 1 < LC50 <= 10 mg/l
Duration of exposure : 96 h

ECx > 1 mg/l
Duration of exposure : 21 days

Crustacean toxicity : 1 < EC50 <= 10 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

ECx > 1 mg/l
Duration of exposure : 21 days

Algae toxicity : 1 < ECr50 <= 10 mg/l
Species : Skeletonema costatum
Duration of exposure : 72 h

ISOTRIDEKANOL, ETHOXYLATED (9 EO) (CAS: 9043-30-5)
Fish toxicity : 1 < LC50 <= 10 mg/l
Species : Cyprinus carpio
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : 1 < EC50 <= 10 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

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OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity : 1 < ECr50 <= 10 mg/l
Species : Desmodesmus subspicatus
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)
Fish toxicity : LC50 > 1000 mg/l
Species : Poecilia reticulata
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 1919 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

Algae toxicity : ECr50 = 969 mg/l
Species : Selenastrum capricornutum
Duration of exposure : 72 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

ISOTRIDECANOL, ETHOXYLATED (9 EO) (CAS: 9043-30-5)
Biodegradability : Rapidly degradable.

ALCOHOLS, C9-11, ETHOXYLATED (CAS: 68439-46-3)
Biodegradability : Rapidly degradable.

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)
Biodegradability : Rapidly degradable.

12.2.2. Mixtures

Surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

12.3.1. Substances

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)
Octanol/water partition coefficient : log K_{ow} = 1.01

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

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Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number or ID number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

SECTION 15: Regulatory information

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/643 (ATP 16)

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

- Container information:

No data available.

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- less than 5 % : anionic surfactants

- less than 5 % : non-ionic surfactants

- perfumes

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

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

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H302 Harmful if swallowed.

H318 Causes serious eye damage.

Abbreviations :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

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EC50 : The effective concentration of substance that causes 50% of the maximum response.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

Ec_x : The effective concentration of the substance that causes x% maximum reaction.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

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 Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

GHS05 : Corrosion

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.