

Material Safety Data Sheet



SYN Eco Drivetrain Cleaner

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

1.1 Product identifiers

Product name: Eco drivetrain cleaner

Product Number: 288346

EC-Number: Not Relevant.

CAS-Number: Not Relevant.

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

Identified uses: Oils and adhesives dissolving spray, washable by water.

1.3 Details of the supplier of the safety data sheet

Company: SCOTT Sports SA - SYNCROS
Route du Crochet 11
1762 Givisiez
Switzerland
Telephone: +41-26-4601616
Fax: +41-26-4601616
E-mail: recall@scott-sport.com

1.4 Emergency telephone number

Emergency Phone Number: +4144 251 51 51

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

This product is considered hazardous according to regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

GHS-05 – Corrosives

GHS-08 – Severe Health Hazards

Pictogram



Signal word: Danger

Hazard statement(s):

H304 – May be fatal if swallowed and enters airways.

H318 – Causes serious eye damage

Precautionary statement(s):

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

P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 – Do NOT induce vomiting

2.3 Other hazards

None.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not Relevant.

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3.2 Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
Hydrocarbons		
CAS-No. 64742-47-8 EC-No. 926-141-6 Index-No. 649-422-00-2 Registration number 01-2119456620-43	Asp. Tox. 1, H304	80%-90%
Alcohol ethoxylated		
CAS-No. 9043-30-5 EC-No. polymer Index-No. --- Registration number ---	Eye Dam. 1, H318	<4%
Ester Alcohol		
CAS-No. 25265-77-4 EC-No. 246-771-9 Index-No. --- Registration number ---	---	<10%

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

If inhaled

Remove from site of exposure to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Get medical attention or consult doctor in case of complaints.

In case of skin contact

In case of contact with skin wash off immediately with soap and plenty of warm water, and seek medical advice. Remove contaminated clothing and shoes.

In case of eye contact

In case of contact with eyes, rinse thoroughly with plenty of water also under the eyelids. Keep eye wide open while rinsing. If possible, remove contact lenses. Get medical advice.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Do not ingest. If swallowed then seek immediate medical assistance. Risk of product entering the lungs on vomiting after ingestion. In this case, the casualty should be sent immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

If inhaled

The inhalation of vapors or aerosols may be irritating for the respiratory tract and for mucous membranes. Vapors inhaled in strong concentration have a narcotic effect on the central nervous system, Nausea, loss of consciousness, giddiness and shortness of breath. Causes asphyxiation in high concentrations. The victim will not realize that he/she is suffocating.

In case of skin contact

Prolonged or repeated contact may dry skin and cause irritation.

In case of eye contact

Contact with eyes may cause irritation.

If swallowed

Harmful: If swallowed accidentally, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours). Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause central nervous system depression.

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Delayed / Immediate effects

Abdominal pain, Nausea, Vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, foam, dry chemical or carbon dioxide.

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

Incomplete combustion and thermolyzes may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and full protective suit. In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

5.4 Further information

Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation, especially in confined. Evacuate non-essential personnel to safe areas. Remove all sources of ignition (no smoking, flares, sparks or flames in immediate area). Stop all work that requires a naked flame, stop all vehicles, and stop all machines and equipment that may cause sparks or flames. Do not touch or walk through spilled material. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. The product should not be allowed to enter drains, water courses or the soil. Collect liquid spills and prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and materials for containment and cleaning up

Use non-sparking hand tools and explosion-proof electrical equipment. 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). Following product recovery, rinse area.

6.4 Reference to other sections

For safe handling see section 7.

For personal protection equipment see section 8.

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure the application of strict rules of hygiene by the personnel exposed to the risk of contact with the product. When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

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Do not dry hands with rags that have been contaminated with product. Do not use abrasives, solvents or fuels. Wash hands before breaks and at the end of workday.

Avoid contact with skin eyes and clothing. Avoid inhalation of vapor or mist. Ensure adequate ventilation and use the product only in well-ventilated areas. Do not spray at high pressure (> 3 bar).

WHILE MOVING THE PRODUCT: To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Do not allow splash loading and ensure that the product is poured slowly, particularly at the beginning of the operation.

OPERATE ONLY ON COLD AND DEGASSED TANKS IN VENTILATED PREMISES (TO AVOID RISK OF EXPLOSION). Handle away from any source of ignition (open flame and sparks) and heat (hot manifolds or casings). Do not smoke. Use explosion-proof electrical equipment. Take precautionary measures against static discharges. Do not use compressed air for filling, discharging or handling. Design installations (machinery and equipment) to prevent burning product from spreading (tanks, retention systems, interceptors (traps) in drainage systems).

7.2 Conditions for safe storage, including any incompatibilities

Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts. Storage installations should be designed with adequate bunds so as to prevent ground or water pollution in case of leaks or spills. Use explosion-proof electrical equipment. Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Ground/bond containers, tanks and transfer/receiving equipment. Store at room temperature. Keep containers tightly closed and properly labelled. Materials to avoid: strong acids, oxidizing agents. Packaging material: Keep only in the original container or in a suitable container for this kind of product: steel, stainless steel.

7.3 Specific end use(s)

No Data.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Ingredient name	Occupational exposure limits
Hydrocarbons	CEPIC-HSPA: 1200 mg/m ³

8.2 Exposure controls

Appropriate engineering controls

When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment. Apply technical measures to comply with the occupational exposure limits.

Personal protective equipment

Protective engineering solutions should be implemented and in use before personal protective equipment is considered. These recommendations apply to the product as supplied. If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers.

Eye/face protection

If splashes are likely to occur, wear safety glasses with side-shields.

Skin protection

Avoid skin contact. Wear appropriate protective clothing. Wear impervious aliphatic hydrocarbon resistant, Nitrile Rubber gloves. Gloves must be inspected prior to use. Use glove removal technique to avoid skin contact. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374.

Body Protection

Wear impervious, flame retardant, antistatic protective clothing, shoes or boots. The protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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Control of environmental exposure

No Data.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Form: Liquid Color: Bright Blue
Odor	Sweet
Odor Threshold	No Data
pH	Not Relevant
Melting point/freezing point	No Data
Initial boiling point and boiling range	196 - 255 °C
Flash point	Not Relevant
Evaporation rate	No Data
Flammability (solid, gas)	Not flammable
Upper/lower flammability or explosive limits	Upper explosion limit: No Data Lower explosion limit: No Data
Vapor pressure	No Data
Vapor density	No Data
Relative density	0.82-0.83 gr/cm ³
Non-volatiles contain	No Data
Water solubility	No Data
Partition coefficient: n octanol/water	No Data
Auto-ignition temperature	No Data
Decomposition temperature	No Data
Viscosity	No Data
Explosive properties	No Data
Oxidizing properties	No Data

9.2 Other safety information

No Data.

SECTION 10: Stability and reactivity

10.1 Reactivity

No Data.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Heat, flames and sparks. Extremes of temperature and direct sunlight. Take precautionary measures against static discharges.

10.5 Incompatible material

Strong oxidizing agents.

10.6 Hazardous decomposition products

Incomplete combustion and thermolyzes may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot.

SECTION 11: Toxicological information

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11.1 Information on toxicological effects

Acute toxicity

Ester Alcohol: Oral – LD50, >3.200 mg/kg (rat).

Dermal – LD50, > 15.200 mg/kg (rabbit)

Dermal – LD50, > 19.000 mg/kg (guinea pig)

Inhalational – LCLo, >3.55 mg/l / 6h (rat).

Hydrocarbons: Oral – LD50, > 5000 mg/kg (rat)

Dermal – LD50, > 5000 mg/kg / 24h (rabbit)

Inhalational – LC50, > 5000 mg/m³/ 8h (vapor) (rat).

Skin corrosion/irritation

Prolonged or repeated contact may dry skin and cause irritation.

Serious eye damage/eye irritation

Contact with eyes may cause irritation.

Respiratory or skin sensitization

No Data

Germ cell mutagenicity

No Data.

Carcinogenicity

IARC: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No Data.

Specific target organ toxicity - single exposure

No Data.

Specific target organ toxicity - repeated exposure

No Data.

Aspiration hazard

The inhalation of vapors or aerosols may be irritating for the respiratory tract and for mucous membranes. Vapors inhaled in strong concentration have a narcotic effect on the central nervous system, Nausea, loss of consciousness. Causes asphyxiation in high concentrations. The victim will not realize that he/she is suffocating.

Additional Information

Harmful: If swallowed accidentally, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours). Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause central nervous system depression.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Test	Species	Dose
Ester Alcohol	LC50/96h	Pimephales promelas	33 mg/l
	EC50/48h	Water flea (Daphnia magna)	147,8 mg/l
	EC50/72h	Algae (Selenastrum capricornutum)	18,4 mg/l
Hydrocarbons	LL50/96h	Fish (Oncorhynchus mykiss)	>1000 mg/l
	EL50/48h	Daphnia (Daphnia magna)	>1000 mg/l
	ErL50/72h	Algae (Pseudokirchneriella Subcapitata)	>1000 mg/l

12.2 Persistence and degradability

No Data.

12.3 Bioaccumulative potential

No Data.

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12.4 Mobility in soil

No Data.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effects

No Data.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: Transport information

14.1 UN number: Not classified as dangerous goods for transport.

14.2 UN proper shipping name: No dangerous goods

14.3 Transport hazard class(es): Not classified as hazardous for transport.

14.4 Packaging group: Not Relevant

14.5 Environmental hazards: Not Relevant

14.6 Special precautions for user: Not Relevant

SECTION 15: Regulatory information

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

No Data.

15.2 Chemical Safety Assessment

No Data.

SECTION 16: Other information

Asp. Tox.: Aspiration Toxicity

Eye Dam.: Eye damage

Full text of H-Statements referred to under sections 2 and 3

H304: May be fatal if swallowed and enters airways.

H318: Causes serious eye damage.

Full text of P-phrases referred to under sections 2 and 3

EUH066: Repeated exposure may cause skin dryness or cracking

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

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

P331: Do NOT induce vomiting

Further information

This information was gathered from the raw materials suppliers. It is the user responsibly to verify the data and to use this product according to its requirements and instructions. Adhestick Innovations LTD or its employees will not be held responsible for any damage caused by the use of this information and/or the product.

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