



Sheet reference:
EOS SWITCH CONTACT GREASE REACH-
GHS HS
1 of 3 issue 2 7th September 2012

Product: EOS SWITCH CONTACT GREASE
HEALTH & SAFETY DATA SHEET

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| 1.* IDENTIFICATION OF THE SUBSTANCE / PREPARATION | Trade Name: | EOS SWITCH CONTACT GREASE | |
| | Use | Lubricant. | |
| | Manufacturer/Supplier | Fuchs Lubritech UK 8, Eley Road, London N18 3DB | |
| | Emergency telephone | 44 (0)208 345 5566 UK office hours NHS direct: 0845 46 47 24 hours | |
| | e-mail | sales @fuchs-lubritech.co.uk | |
| 2.* HAZARDS IDENTIFICATION: | The product is classified and marked in accordance with EC dangerous goods guidelines, using a calculation method in the Dangerous Preparations Directive | | |
| | Classification/Labeling | R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. | |
| | General information | This is based on the presence of zinc oxide This product is not classified as hazardous to health. Minor hazards associated with spillages, personal exposure or combustion should be prevented by good industrial hygiene. | |
| | Health Effects – Eyes: | Liquid contains particulates. Contact with eyes may cause discomfort. | |
| | Health Effects - Skin: | Repeated or prolonged skin contact (or repeated washing off) may lead to dryness and dermatitis. Unlikely to be absorbed in harmful amounts. | |
| 3.* COMPOSITION/INFORMATION ON INGREDIENTS: | Health Effects – Ingestion: | Accidental ingestion of splashes unlikely to be problematic. Swallowing of larger volumes might lead to diarrhoea and vomiting. | |
| | Health Effects - Inhalation: | Exposure to vapour at ambient temperatures unlikely to be a problem. Inhalation of spray or high temperature fumes may cause respiratory discomfort and headaches. | |
| | Information of composition: | Mixture of mineral oil and inorganic solids. Solids are a flammable/dust hazard inapplicable in the formulation. | |
| | Dangerous Ingredients: | Zinc oxide, N, R50/53 | <2.5% |
| | | Aluminium powder F, R10 | 10-30% |
| 4. FIRST AID MEASURES: | EC 215-222-5 | | |
| | EC 231-072-3 | | |
| | General Instructions: | Soiled, soaked clothing should be removed promptly and laundered before reuse. | |
| | First Aid - Eyes: | Wash thoroughly with plenty of water. Consult a medical practitioner. | |
| | First Aid - Skin: | Wash immediately with copious quantities of water and soap. | |
| 5. FIRE FIGHTING MEASURES: | First Aid – Ingestion: | Wash mouth and drink water. Do not induce vomiting. Consult a medical practitioner. | |
| | First Aid – Inhalation: | Place subject in fresh air and allow subject to rest. Seek medical attention. | |
| | Extinguishing Media: | Foam, powder extinguisher, carbon dioxide | |
| Unsuitable Extinguishing Media: | Water jet. | | |
| Protective Equipment: | Independent breathing apparatus to be used. | | |





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EOS SWITCH CONTACT GREASE REACH-GHS HS

2 of 3

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| 6. | ACCIDENTAL RELEASE MEASURES: | Personal Precautions: | There is a particular danger of slipping from spilled or released product. |
| | | Environmental Precautions: | Not to be allowed to penetrate underground or into the earth. Not to be allowed to penetrate into sewers/surface water. |
| | | Spillages: | Absorb into liquid-absorbent materials. |
| 7. | HANDLING AND STORAGE: | Instructions for safe handling: | Avoid contact with eyes, skin and clothing. Wash hands after use and before breaks. |
| | | Storage: | Ideally but not essentially 5°C to 25°C, preferably in a bunded area. |
| 8.* | EXPOSURE CONTROLS/PERSONAL PROTECTION: | Occupational Exposure Standards: | None assigned for product. Suggested limit as for mineral oils, e.g. 5 mgm ⁻³ for spray or mists |
| | | Respiratory Protection: | Respiratory protection if there is a risk of exposure to sprayed product. |
| | | Hand Protection: | PVC or rubber gloves |
| | | Eye Protection: | Goggles or face shield. |
| | | Body Protection: | Overalls. If danger of splashing, wear PVC apron or other impermeable suit. Do not wear oil soaked clothing or carry oily rags in pockets. |
| | | Environmental protection | Store in bunded area. Do not allow spills or used product to enter drains or water courses. |
| 9. | PHYSICAL AND CHEMICAL PROPERTIES: | Physical State | Silver grease |
| | | Odour: | Mineral Oil |
| | | pH value: | Inapplicable |
| | | Flash Point (PMC) (deg C): | 210°C |
| | | Explosive/Oxidising | No/No |
| | | Vapour pressure/density | <10 ⁻⁶ torr/>9 (air=1) |
| | | Relative Density | 0.95 at 20°C |
| | | Solubility | Insoluble in water. Dispersible in non polar solvents |
| | | Viscosity | Not applicable |
| | | K _{POW} | >3 |
| 10. | STABILITY AND REACTIVITY: | Dangerous Reactions: | With strong oxidising agents |
| | | Dangerous decomposition products: | Smoke, particulates and unidentified hydrocarbons upon combustion. |
| | | Thermal Decomposition: | Stable at ambient temperature. Combustible. |
| 11. | TOXICOLOGICAL INFORMATION: | Acute toxicity | Low. Expected to be similar to mineral oil. |
| | | Skin Sensitisation: | No skin sensitisers present. |
| | | Chronic toxicity: | No known carcinogens, mutagens or reproductive toxins (CMR) present. |





Sheet reference: EOS SWITCH CONTACT GREASE
REACH-GHS HS

Product: EOS SWITCH CONTACT GREASE

3 of 3

HEALTH & SAFETY DATA SHEET

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| 12.* ECOLOGICAL INFORMATION: | Mobility: | The product is paste-like and unlikely to disperse readily in the environment. Any washed out oil will form a film on soil or surface water. |
| | Persistence/Degradeability: | The oil is slowly biodegradable. The inorganic solids are natural minerals. Aluminium flake will slowly oxidise. |
| | Bioaccumulation: | None expected or reported |
| | Ecotoxicity: | Contains low concentrations of zinc oxide which is classified for aquatic toxicity, but whose solubility is impaired in an insoluble paste. Oil film may interfere with respiratory surfaces (leaves, gills) on contact and might disrupt surface processes. |
| 13. DISPOSAL: | Waste Disposal: | As per synthetic coolants and lubricants |
| | Product Disposal: | Incineration. Dispose of in accordance with all applicable local and national regulations. |
| | Container Disposal: | Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near to the container. Clean containers may be recycled |
| 14. TRANSPORT INFORMATION: | Not classified as dangerous goods. | |
| 15.* REGULATORY INFORMATION: | Labelling information: | Now in Section 2 |
| | Accident Regulations: | No Data |
| | Regulations concerning flammable liquids: | Inapplicable |
| 16.* OTHER INFORMATION: | Water Hazard Classification: | 1 Self-Class. |
| | REACH SDS first issued : | September 09 |
| | SDS data revised | September 2012. Revised sections marked * |
| | Legislation (as amended): | Health & Safety at Work Act, Control of Substances Hazardous to Health Act, Dangerous preparations Directive, REACH, CLP, German Classification of Substances Hazardous to waters VwVwS |
| | Further Detailed Guidance (current editions): | ECHA guidance on the compilation of safety datasheets. Suppliers safety datasheets. www.coshh-essentials.org.uk |
| Risk phrases of raw materials (not the product) | R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R10 Flammable | |

The data is intended to facilitate the safe handling of our products and does not have the significance of ensuring a contractual or legal responsibility for the properties quoted.

