

Squirt Material Safety Data Sheet

(November 2012)



Product Name and Identification

Product name Squirt Long Lasting Dry Lube
Supplier Bikinvention2 CC
Address 26 Wilson Street, Knysna, RSA
Fax + 27 (0) 866115499

Composition/ Ingredient Information

Generic Name Chain lubricant

Synonyms Wax emulsion

Main Ingredients
Slack wax <25%
Water (CAS no. 7732-18-5) >70%

Hazard Identification

Physical state and appearance Liquid
Hazardous components None
Potential acute health effects

Eyes: May cause irritation.
Skin: May cause irritation - not readily absorbed through the skin.
Inhalation: Inhalation may cause respiratory tract irritation.
Ingestion: May cause nausea.

First Aid Measures

Eye contact Check for and remove any contact lenses. Immediately Flush eyes with plenty of water. Seek medical attention.

Skin contact Rinse affected area with warm water and soap.

Note to physician Support respiratory and cardiovascular function.

Fire Fighting Measures

Flammability of the product Not flammable
Unsuitable extinguishing media None
Protective equipment (fire) Approved / certified respirator or equivalent
Specific hazards None

Additional information Apply cold water in order to cool containers exposed to danger.

Accidental Release Measures

Small spill & leak Dilute with water and mop up, or absorb with inert dry material and place in an appropriate waste disposal container.

Large spill & leak Absorb with inert material and put the spilled material in an appropriate waste disposal container.

Handling and Storage

Handling Avoid breathing vapours or spray mists. Consider common hygiene measures for handling chemical substance.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area.

Exposure controls / personal protection

Exposure limits (fumes) ACGIH (United States, 2002) TWA: 2mg/m³ 8 hours
NIOSH (United States, 2002) TWA: 2mg/m³ 8 hours

Engineering controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational limits. Ensure that eyewash stations and safety showers are proximal to the work station location.

Personal protective equipment

Eyes Safety Glasses
Body Lab coat or overall
Respiratory A respirator is not needed under normal and intended conditions of product use.
Hands Gloves
Feet Safety boots

Personal protection in case of large spill Splash goggles, full suit, boots, gloves
Additional Instructions Wash after handling.

Physical and Chemical properties

Colour Off-white
Odour Waxy
Density at 20° C 1.0 g/cm³
pH-value aqueous extract **Solubility in water** Dilutable
8.5 -10.5
Physical state Liquid

Stability and reactivity

Conditions to avoid Store at temperature between 5°C and 35°C. Prolonged storage above 35°C may interfere with stability of emulsion.

Incompatibility with substances Avoid contact with strong acids and alkalis

Hazardous decomposition products Flue gas, carbon monoxide, aldehydes in the case of incomplete combustion

Thermal decomposition approx. 250°C

Toxicological Information

Product has not been tested. Products of similar composition did not induce toxic effects.

Ecological information

Biodegradability tested using measured ThOD according to the monomeric respirometry method (EOCD 301F, 1992). Achieved more than 60% biodegradability in less than 14 days and almost 90% in 28 days. Squirt Long Lasting Dry Lube can be classified as "readily biodegradable" according to *General Classification and Labeling Requirements for Dangerous Substances and Preparations (Office Journal of the European Communities, Annex VI, 2001*.

Disposal Considerations

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

Product recommendation
EWC (European Waste Catalogue) Used waxes and greases
OECD List Yellow waste

Transport Information

This product is not controlled under any of the following classifications
DOT (United States), TDG (Canada), IMDG, IATA

Sea transport

Note that cargos of tank vessel according to SschStrO & 2 ABS. 1 No. 16 must be reported to the port authorities.

Regulatory information

HCS classification Combustible

TSCA 8(b) inventory Paraffin Wax
This product is not classified according to the EU regulations.

Other Information

Although the information contained herein is presented in good faith and to the best of Bikinvention2 CC's knowledge, it is made without warranty or guarantee whatsoever.