

Safety Data Sheet

Item: D5218 – ALCOHOL FREE MOIST WIPES

Date Of Issue: 28/05/2008

Section 1:

Skin Contact Symptoms

May cause sensitisation by skin contact. Repeated or prolonged skin contact may result in severe irritation

Eye Contact Symptoms

May Cause Eye Irritation

Ingestion Symptoms

Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract

Delayed or Chronic Toxicological Effect Symptoms

Studies in animals have shown that PHMB does not represent a carcinogenic or teratogenic risk to man

Section 2:

Ecological Information:

Elimination

Biodegradability water

Additional Information:

There is no evidence of photodegradation in water

Mobility:

Results

The product is soluble in water

The product is predicted to have low mobility in soil

The product is predicted to have low mobility in sediment

Bioaccumulative Potential

The product has low potential for bioaccumulation

Ecotoxicity:

Toxicity to Fish

LC50 Rainbow Trout

Dose: 8mg/l
Test Parameter: Mortality
Period: 96 hours
Assessment: Toxic to Fish
Method: Static Test Method

LC50 Bluegill Sunfish

Dose: 0.65 .. 0.9mg/l
Test Parameter: Mortality
Period: 96 hours
Assessment: Very Toxic to Fish
Method: Static Test Method

LC50 Brown Shrimp

Dose: 44mg/l
Test Parameter: Mortality
Period: 96 hours
Assessment: Harmful to Fish
Method: (semi-static)

Toxicity to Daphnia

EC50 Daphnia

Dose: 0.18 .. 0.45mg/l
Test Parameter: Immobilisation
Period: 48 hours
Assessment: Very Toxic to Aquatic Invertebrates

Effect of Sludge Digestion

NOEC

Dose: 0.5% on dry solids

Toxicity to Bacteria

TC10 Sewage Sludge Organisms

Dose: 40mg/l
Test Parameter: Inhibition of Respiration Rate

Additional Information about Ecology:

Elimination:

Cationic substances are regarded to be effectively removed in wastewater treatment processes by complex formation and absorption.

Water Pollution Class:

(WGK2) – Self Classification

Section 3:

Disposal Considerations:

Disposal should be in accordance with local, state or national legislation

Section 4:

Road Transport ADR/RID

Dangerous substances as defined in the above regulations

Class: 9
Number/Letter: 11/c
UN No: 3082
Technical Name: Environmentally Hazardous Substance, Liquid, N.O.S.
Hazard Substance 1: Polymeric Biguanide
Hydrochloride 20%

Maritime Transport IMDG

Dangerous substances as defined in the above regulations

Class: 9
UN No: 3082
PG: III
EMS Number: None
Marine Pollutant: Yes
Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.
Hazard Substance 1: Polymeric Biguanide
Hydrochloride 20%

Section 5:

Regulatory Information

Classification according to EEC Directives

Classification: Irritant
Hazard Labels: (Xi) Irritant
R-Phrases: (R38) Irritating to Skin
(R43) May cause sensitisation by skin contact
S-Phrases: (S23) Do not Breathe Spray
(S36/37/39) Wear suitable protective clothing, gloves and eye/face protection
(S51) Use only in well ventilated areas
Hazardous Ingredients: Polymeric Biguanide Hydrochloride 20%

Section 6:

Other Information

This data sheet was prepared in accordance with Directive 91/155/EEC