

MATERIAL SAFETY DATA SHEET



SDS Reference: nv11
Version No. 01
Revision date: 24.06.08
Authorisation date 24th May 2008

n-virol

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1. PRODUCT IDENTIFICATION

Trade Name	N-VIROL DPC INJECTION CREAM
Description	Silicone emulsion

2. HAZARDOUS INGREDIENTS

Component	CAS No	Classification	Concentration
Triethoxyoctylsilane	2943-75-1	Xi; R38	>16 %

3. HAZARD IDENTIFICATION

Hazard designation	none according to EU directive 1999/45/EC
Health	n/a
Environmental	n/a

4. FIRST AID MEASURES

Inhalation of vapour	Remove to fresh air.
Skin contact	Prolonged contact may cause irritation. Remove contaminated clothing. Wash skin thoroughly with soap and water.
Eye contact	May cause temporary irritation. Irrigate with water for 15 minutes holding eye lid open. Seek immediate medical attention.
Ingestion	Wash out mouth with water. Do not induce vomiting. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media	Foam, carbon dioxide, dry powder, water spray.
Extinguishing media Not to be used	n/a
Special exposure hazards	In the event of fire the following can be released: Carbon monoxide/carbon dioxide
Protective equipment	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Refer to section 8 for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental Precautions	Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean up procedures	Absorb into dry earth or sand. Transfer to a closable, labelled container for disposal by an appropriate method.

7. HANDLING & STORAGE

Advice on safe handling	No special precautions necessary. Handle in accordance with good hygiene and safety practice.
Storage conditions	Store between +5°C and +30°C protected from frost and direct sunlight. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls	The product may contain low levels of volatile organic compounds which may evaporate during application and drying.
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. Avoid contact with skin and eyes. Wash hands before breaks and after work. Wear protective equipment appropriate to the task (see below).
Eye protection	Safety goggles (e.g. EN 166)
Skin protection	Butyl rubber gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Respirator if ventilation is judged to be insufficient.
Other protection	Protective overalls.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Off white cream
Colour	Off white
Odour	faint, typical
pH	-
Boiling pt /range	From 100 °C
Melting pt /range	°C
Flash point	>100°C
Autoflammability	°C
Relative density @ 20°C	0.84 – 0.88
Viscosity	-
Water solubility	Fully miscible

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions of handling
Conditions to avoid	Frost and extremes of temperature
Material to avoid	Strong oxidising agents.
Hazardous reactions	No dangerous reactions known.
Hazardous decompositions products	In combustion emits toxic fumes of carbon dioxide/monoxide.

11. TOXICOLOGICAL INFORMATION

Skin	May produce some skin irritation after prolonged contact.
Eyes	May cause eye irritation.
Inhalation	No significant effect.
Ingestion	Not classified as 'harmful if swallowed'. May cause some irritation of the mouth and upper digestive tract.

12. ECOLOGICAL INFORMATION

Mobility	Readily absorbed into soil.
Persistence	Not determined.
Degradability	This product is poorly biodegradable.
Bioaccumulative	No evidence for bioaccumulation.
Ecotoxic effects	The product is not classified as Dangerous for the Environment.

13. DISPOSAL CONSIDERATIONS

Advice on disposal	Disposal of product and packaging should always comply with local and national regulations. Waste water containing product should be treated in a separation and biological treatment plant.
Contaminated packaging	Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.
EU Waste code number	No Waste Code number available

14. TRANSPORT INFORMATION

UK Transport Information	UK Transport Classification: Not classified
UN No.	N/R
IMDG code	Not classified
RID / ADR	Not classified
IATA	Not classified

15. REGULATORY INFORMATION

Labelling according to EU directive 1999/45/EC	
Symbol	Not subject to labelling
Safety phrases	S26, S28, S37/39
Information given in this Material Safety Data Sheet does not constitute the user's own workplace risk assessment.	

16. OTHER INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties and does not establish a legally valid contractual relationship.