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Safety Data Sheet Sea Turtle

1. IDENTIFICATION

Synonyms none
 CAS# see Part 3, below
 Material Use spray-on car wax

IN AN EMERGENCY CALL: INFOTRAC 1-800-535-5053

2. HAZARD IDENTIFICATION

GHS Class (Category)	skin irritant (2)	eye irritant (2A)	aquatic chronic (3)
Signal Words	WARNING	WARNING	no Signal Word no Pictogram
Hazard Statements	causes skin irritation (H315)	causes serious eye irritation (H319)	harmful to aquatic life with long-lasting effects (H412)



GHS Precautionary Statements for Labeling

P262, P264 Do not get in eyes or on skin. Wash thoroughly after handling.
 P280 Wear eye protection and protective gloves of "Viton".
 P273, P391 Avoid release to the environment. Collect spillage.
 P313 & P333 If skin irritation or rash occurs, get medical advice/attention.

3. COMPOSITION

	CAS NUMBER	%	TLV ppm / mg/m ³	LD ₅₀ (mg/kg) ORAL	LD ₅₀ (mg/kg) SKIN	LC ₅₀ ppm INHALATION
Petroleum distillates, hydrotreated middle	64742-44-2	10-20%	5mg/m ³	>5000	>5000	not known
Quaternary Amine surfactant	on request	5-10%	not listed	>1000	not known	not known
Glycol Ether EB	111-76-2	1-5%	20/100 (skin)	>300	>450	>450ppm
Non-ionic Surfactant	on request	<1%	not listed	>2000	not known	not known
Water	7732-18-5	balance	not toxic	90.000	not toxic	not toxic

NOTE: The cherry scent is present at 1.5%. Its composition is proprietary to the manufacturer, who claims it is harmless.

4. FIRST AID

SKIN: Wash with plenty of water. Remove contaminated clothing and do not reuse until thoroughly laundered. Seek medical help promptly if there is persistent itching or redness in the affected area.

EYES: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance if there is persistent irritation.

INHALATION: Remove from contaminated area promptly. **CAUTION: Rescuer must not endanger himself!** If victim's breathing stops, administer artificial respiration and seek medical aid promptly.

INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.

NOTE: Inadvertent inhalation of vomited material may seriously damage the lungs. The danger of this is greater than the risk of poisoning through absorption of this low-toxicity product. The stomach should only be emptied under medical supervision, after the installation of an airway to protect the lungs.

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5. FLAMMABILITY & FIRE-FIGHTING

Flash Point	cannot burn
Autoignition Temperature	cannot burn
Flammable Limits	cannot burn
Combustion Products	carbon monoxide, nitrogen oxides, part oxidized hydrocarbon fragments
Firefighting Precautions	as for materials sustaining fire; compatible with water; firefighters must wear SCBA
Static Discharge	cannot accumulate a static charge

6. ACCIDENTAL RELEASE MEASURES

Leak Precaution	dike to control spillage and prevent environmental contamination
Handling Spill	recover free liquid with suitable pumps; absorb residue on an inert sorbent, sweep, shovel & store in closed containers for disposal

7. HANDLING & STORAGE

Store and use away from oxidizing agents.

Empty containers may contain a flammable/explosive vapor. Never cut, drill, weld or grind on or near this container, whether empty or full. Always replace drum, pail or IBC cap prior to moving the container!

Avoid generating or breathing mist of concentrated product. If mist (of concentrate) forms, install adequate ventilation to clear workplace air. Avoid prolonged contact with skin and wash work clothes frequently. An eye bath should be available near the workplace.

8. EXPOSURE CONTROL & PERSONAL PROTECTION

Glycol Ether EB:

ACGIH TLV	20ppm / 100mg/m ³	ACGIH STEL	not listed
OSHA PEL	25ppm / 120mg/m ³	OSHA STEL	not listed

Mineral Seal Oil:

ACGIH TLV	5mg/m ³ oily mists	ACGIH STEL	not listed
OSHA PEL	5mg/m ³ oily mists	OSHA STEL	not listed

Ventilation	no special mechanical ventilation required
Hands	wear "Viton" gloves – <i>always confirm suitability with supplier</i>
Eyes	safety glasses with side shields – <i>always protect eyes!</i>
Clothing	no special protective clothing required

9. PHYSICAL AND CHEMICAL PROPERTIES

NOTE: for Flash Point, Autoignition Temperature & Flammable Limits see Part 5.

Odor & Appearance	clear, pink liquid with cherry odor
Odor Threshold	not known
Vapor Pressure	as for water
Evaporation Rate (<i>Butyl Acetate = 1</i>)	as for water
Vapor Density (air = 1)	0.6 (<i>water</i>), 4.1 (<i>Glycol Ether EB</i>) – <i>no other volatile components present</i>
Boiling Point	approximately 100°C / 212°F
Freezing Point	approximately 0°C / 32°F
Decomposition Temperature	not known
Specific Gravity	0.97-0.98 (20/20°C)
Water Solubility	complete
Viscosity	not known – <i>mobile liquid</i>
pH	6-8 – <i>essentially neutral</i>

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10. REACTIVITY

Dangerously Reactive With	strong oxidizing agents
Also Reactive With	not known
Chemical Stability	stable; will not polymerize
Decomposes in Presence of	no decomposition triggers known
Decomposition Products	none apart from Hazardous Combustion Products
Mechanical Impact	not sensitive

11. TOXICITY INFORMATION**i. ACUTE EXPOSURE**

Skin Contact	irritating if contact is prolonged
Skin Absorption	yes, slowly; toxic effects unlikely by this route
Eye Contact	severely irritating
Inhalation	not known – <i>product mists are likely to irritate respiratory system</i>
Ingestion	irritating to mouth, throat & stomach; may cause stomach ache, nausea, vomiting
Calculated LD ₅₀ (oral)	6450mg/kg (rat)
Calculated LD ₅₀ (skin)	18,000mg/kg (rabbit) – <i>insufficient information for confidence</i>
LC ₅₀ (inhalation)	<i>insufficient information to calculate</i>

ii. CHRONIC EXPOSURE

General	prolonged or repeated exposure may cause dermatitis
Sensitizing	not a sensitizer
Carcinogen/Tumorigen	not known to be a tumorigen or a carcinogen in humans or animals
Reproductive Effect	no known effect on humans or animals
Mutagen	not known to be a mutagen or teratogen in humans or animals
Synergistic With	not known

12. ECOLOGICAL INFORMATION**Mineral Seal Oil:**

Bioaccumulation	not a bioaccumulator
Biodegradation	biodegrades when emulsified into water with a suitable surfactant; biodegradation rate not known; related hydrocarbon – 30% biodegradation in 28 days
Abiotic Degradation	data for related hydrocarbon – ½-life approximately one day
Mobility in soil, water	water insoluble; cannot move in soil & water

Aquatic Toxicity

LC ₅₀ (Fish, 96hr)	54mg/liter (Jordanella floridae), 35mg/liter (Pimephelas promelas), 65mg/liter (Oncorhynchus mykiss) <i>tests done with “mechanically emulsified” hydrocarbon</i>
LC ₅₀ (Crustacea, 48hr)	16, 32 & 68mg/liter (Daphnia magna) – “ <i>water soluble fraction</i> ” – after agitating vigorously with water for 3 days
EC ₅₀ (Algae)	1.3 & 1.42mg/liter (Anabena coliolium), 20mg/liter (Ficus endatatus), 78mg/liter (Selenastrum capricornutum)
EC ₅₀ (Bacteria)	no data available

Quaternary Amine surfactant: *no data available*

Glycol Ether EB:

Bioaccumulation	rapidly eliminated from the body, cannot bioaccumulate; biological ½-life <48hr
Biodegradation	biodegrades readily & rapidly in the presence of oxygen; 75%-100% in 20-28 days
Abiotic Degradation	reacts with atmospheric hydroxyl radicals; estimated ½-life in air 16 hours
Mobility in soil, water	water soluble; moves readily & rapidly in soil and water

Aquatic Toxicity

LC ₅₀ (Fish, 96hr)	1490 & 2950mg/liter (Lepomis macrochirus), 1250mg/liter (Menidia beryllina),
EC ₅₀ (Crustacea, 24hr)	1700-1940 & 5000mg/liter (Daphnia magna), 600-1000mg/liter (Crangon crangon, 48hr)
EC ₅₀ (Algae)	35mg/liter (Microcystis aeruginosa), 900mg/liter (Scenedesmus quadricauda)
EC ₅₀ (Bacteria)	911mg/liter (Chilomonas paramecium), 700mg/liter (Pseudomonas putida)

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12. ECOLOGICAL INFORMATION, cont'd**Nonionic Surfactant – nonylphenol ethoxylate:**

Bioaccumulation	cannot bioaccumulate; <i>however, water insoluble breakdown product, unethoxylated nonylphenol, may accumulate</i>
Biodegradation	34% in 20 days to di- & mono-ethoxylate; <i>these latter compounds resist further biodegradation (below)</i>
Abiotic Degradation	may react with atmospheric hydroxyl (OH) radicals; low volatility – a minor degradation route
Mobility in soil, water	sufficiently water soluble to move readily through soil and the water column

Aquatic Toxicity

LC ₅₀ (Fish, 96 hr)	2.1-2.6mg/liter (Pimephelas promelas), 13.9-19.5mg/liter (Poecilia reticulata – 48hr)
LC ₅₀ (Crustacea, 48hr)	3.8-6.2 & 18.2mg/liter (Daphnia magna), 20.9mg/liter (Gammarus pulex)
EC ₅₀ (Algae, 96hr)	15mg/liter (Lemna minor), 7mg/liter (Scenedesmus quadricauda)

[*NOTE: Nonylphenol Ethoxylates biodegrade to estrogenic hormone mimics in the environment & may lead to reproductive failure in shore birds, amphibia & fish.*](#)

13. DISPOSAL CONSIDERATIONS

Waste Disposal	do not flush to sewer; may be incinerated in approved facility with flue gas monitoring & scrubbing, mix with a suitable flammable waste before incineration
Containers	Drums should be reused. Recondition and pressure test by a licensed reconditioner prior to re-use. Pails must be vented and thoroughly dried prior to crushing and recycling. IBCs (intermediate bulk containers): polyethylene bottle must be pressure tested & recertified at 30 months. Replace at 60 months (5 years). Steel containers must be inspected, pressure tested & recertified every 5 years. <i>Warning: never cut, drill, weld or grind on or near this container, even if empty.</i>

14. TRANSPORT INFORMATION**USA 49 CFR & Canada/International TDG**

Product Identification Number	UN – not regulated for transport
Shipping Name	not regulated for transport
Classification	not regulated for transport
Marine Pollution	not a marine pollutant
ERAP Required	No
Reportable Quantity (RQ)	none

15. REGULATIONS

Canada DSL	on inventory
U.S.A. TSCA	on inventory
Europe EINECS	on inventory

16. OTHER INFORMATION

Date of Preparation May 2015

Date of Revision -

Prepared for Tomco-Harwel, by **Peter Bursztyn**

With data from the Registry of Toxic Effects of Chemical Substances (RTECS), Hazardous Substance Data Base (HSDB), Cheminfo (CCOHS), OSHA, IUCLID Datasheets (European Chemical Substance Information System - ESIS), & others sources (below if used), as required/available

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