

Material Safety Data Sheet

QUICK CUT 111

Issue **Status:** ISSUED BY Aegis Oil Company

Date: OCT 2009

Not classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name: Aegis Oil Company
Address: 495 Hauraki Road
TURUA
Tel/Fax: Tel 07 8675321 Fax 07 8675004

IDENTIFICATION

Product Name: Quick Cut 111
Other Names: Neat Cut 111
Shipping Name: None allocated
Product Use: Neat cutting oil with sulphur

PHYSICAL DATA

Appearance: Clear dark brown oil
Odour: Slight characteristic
Boiling Point: >350 C
Vapour Pressur: Not available
Specific Gravity: 0.865 @ 15 C (Typical)
Flashpoint: >200 C (COC)
Solubility in Water: Insoluble

OTHER PROPERTIES

Volatile Component: Not available
Autoignition Temp: Not available
Evaporation Rate: Not available
PH Value: Not applicable
Viscosity: 24 cSt @ 40 C (Typical)
Boiling Point: >305 C
Stability Haz: Stable under normal conditions of storage and handling
Polymerization: Will not occur
Materials to Avoid: Strong oxidizing agents

INGREDIENTS

Name	CAS	Proportion
Heavy solvent dewaxed paraffinic oil	64742-65-0	>85%

Information on Composition:

Contains mixture of highly refined paraffinic distillates and additives including an extreme pressure agent.

HEALTH HAZARD INFORMATION**HEALTH EFFECTS**

- Acute-Swallowed:** May cause irritation of the gastrointestinal tract that may include nausea, vomiting and diarrhea. This will more likely occur if more than several mouthfuls are swallowed.
- Acute-Eye:** Eye contact may cause mild irritation with stinging, blurring and tearing.
- Acute-Skin:** Repeated or prolonged contact may result in skin irritation and possible dermatitis.
- Acute-Inhaled:** Inhalation of vapours or mists in confined, poorly ventilated areas or at elevated temperatures, may cause respiratory system irritation, other pulmonary effects, headaches, dizziness and nausea.
- Chronic:** Prolonged or repeated contact may result in skin irritation leading to dermatitis. Repeated exposure to vapour or mist at concentrations in air that exceed exposure standards can cause respiratory irritation, discomfort or other pulmonary effects.
- Toxicology:** The main constituents in this product are in accordance with note L of the NOHSC Designated List of Hazardous Substances, the manufacturer has had the main constituents tested in accordance with IP346 and contain less than 3% polyaromatics.

FIRST AID MEASURES

- Ingestion:** DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Do not give anything by mouth to unconscious person. Seek medical attention.

Eye: If contact with the eye(s) occur, wash with copious amounts of water for approximately 15 minutes holding the eyelid open. Take care not to rinse contaminated water into the non-affected eye. If irritation persists seek medical attention.

Skin: Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before reuse or discard. If irritation develops and persists, seek medical attention.

Inhalation: Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a facemask if breathing is difficult. If irritation develops and persists seek medical attention.

Advice to Doctor: Treat Symptomatically

OTHER HEALTH HAZARD INFORMATION

PRECAUTIONS FOR USE

Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However, exposure standards for oil mist are listed below.

SUBSTANCE	TWA	STEL
Ppm	mg/m3	ppm mg/m3
Oil mist, mineral -	5	- 10

Eng. Controls: Where vapours or mists are generated and exposure standards are exceeded, the use of respiratory protection, or local exhaust ventilation system is recommended.

PERSONAL PROTECTION

Respirator Type: Type (AS1716) Where vapours, mists or spray is generated and exposure standards are exceeded, select and use respirators in accordance with AS/NZS 1715/1716. The use of an approved respirator with organic vapour and dust/mist filters. Filter capacity and respiratory type depends on exposure levels for each individual circumstance.

Eye Protection: Safety glasses or face shield as appropriate where splashing or misting is expected during routine operations or spill clean up. Reference should be made to the Australian standard AS/NZS – Eye Protectors for Industrial Applications.

Glove Type & Clothing: Any routine contact with this material should require the use of protective clothing such as gloves or apron made of neoprene, nitrile or obuty1 rubber suitable for the application.

FLAMMABILITY

Fire Hazard: Class C2 (COMBUSTIBLE LIQUID). Remove all sources of ignition and heat. For the purposes of storage and handling, refer to the requirements of AS 1940.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Storage Precautions:

Store in cool dry, well-ventilated area away from sources of ignition. This product should be stored away from foodstuffs and strong oxidizing agents. Minimum feasible handling temperatures should be maintained. Periods of exposure of high temperatures should be minimized. Water contamination should be avoided. For information on design of storeroom reference should be made to Australian Standard AS1940, the storage handling of flammable and combustible liquids.

Transport: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Handling: Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all that come into contact with this material maintain high standards of personal hygiene i.e washing hands prior to eating, drinking or going to the toilet. Build up of mists in the working atmosphere must be prevented. Misuse of empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not

pressurize or expose to open flame or heat. Keep container closed and bung in place.

SPILLS AND DISPOSAL

Spills and Leaks: Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimize exposure. If possible contain the spill. Place inert absorbent material such as vermiculite, sand or dirt onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labeled container. Do not dilute material but contain prevent contamination of drains and waterways. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Disposal: This material may present environmental risk common to all oil spills. Dispose of according to federal, E.P.A., State and local regulations. Assure conformity with all applicable regulations.

FIRE / EXPLOSION HAZARD

Fire/Explos. Haz: Combustible liquid. This product will burn if exposed to fire.

Haz. Combustion: Oxides of carbon.

Products: For fires involving this material, do not enter any enclosed or confined space without approved self-contained breathing apparatus to protect against the hazardous effects of combustion products or oxygen deficiency.

Extinguishing Media: Use dry chemical, foam or carbon dioxide. If leak or spill has not ignited, use water spray to disperse the vapours, and provide protection for the persons attempting to stop the leak.