

NIST Sulfur In Residual Fuel Oil

INGREDIENTS	CAS NO	%	8HR OEL
fuel oil residual	68476-33-5	>98	-



UN No: 1993
 Hazchem Code: 3Y
 DG Class: 3
 Subsidiary Risk: **Not Applicable**
 Packing Group: III
 Poisons Schedule: S5



NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

HEALTH HAZARD INFORMATION



Acute Health Effects: HARMFUL-May cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.

Chronic Health Effects: May cause CANCER.
 * – *limited evidence*

PRECAUTIONS FOR USE



Appropriate engineering controls: Local Exhaust Ventilation recommended.

Glasses: Consider chemical goggles.

Gloves: PVC chemical resistant type.

Respirator: Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Storage and Transportation: Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report.

Fire/Explosion Hazard: Flammable.
 Vapours/gas heavier than air.
 Toxic smoke/fumes in a fire.

PROPERTIES



Does not mix with water.
 Floats on water. Flammable.

EMERGENCY



FIRST AID

Swallowed: Give water (if conscious). Seek medical advice.
 Do NOT give milk or oil.
 Do NOT give alcohol.

Eye: Wash with running water.

Skin: Remove contaminated clothing. Wash with soap & water.

Inhaled: Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.

Advice To Doctor: Evaluate for respiratory distress. Consider lavage with cuffed tube. NO adrenalin.

Fire Fighting: Foam.

Spills and Disposal: Eliminate ignition sources.
 Prevent from entering drains.
 Contain spillage by any means.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Explosive	Toxic	Radioactive	Oxidizing
x	x	x	x

x — Must not be stored together