

## Contractor Identification

**NuGeneration Technologies, LLC**

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[www.nugentec.com](http://www.nugentec.com)**PENETRATING FLUID -- 6850-00-508-0076**

## ===== Product Identification =====

Product ID: PENETRATING FLUID

MSDS Date: 08/30/2010

FSC:6850

MSDS Number: 508-0076

P/N: NGT-508-0076

## ===== Composition/Information on Ingredients =====

Ingred Name: HYDRO-TREATED MIDDLE PETROLEUM DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Other REC Limits: NONE RECOMMENDED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

## ===== Hazards Identification =====

LD50 LC50 Mixture: TLV=5MG/M3 (PETROLEUM HYDROCARBONS)

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: EYES: PRESUMED

NON-IRRITATING. SKIN: SLIGHTLY IRRITATING. INGEST: IRRITATES GI

TRACT.MAY CAUSE LUNG DAMAGE IF VOMITED AFTER SWALLOWING. INHAL: MILD

IRRITATION TO THE UPPER RESPIRATORY TRACT.

Explanation of Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1%

WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP, IARC OR OSHA.

Effects of Overexposure: INGEST: VOMITING. SKIN: IRRITATION.

Medical Cond Aggravated by Exposure: PREEXISTING CONDITIONS AFFECTING  
THE SKIN AND RESPIRATORY SYSTEM.

## ===== First Aid Measures =====

First Aid: EYES: FLUSH WITH WATER. SKIN: FLUSH WITH WATER; WASH WITH SOAP  
AND WATER. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL  
RESPIRATION IF NEEDED. INGEST: DO NOT INDUCE VOMITING! GET PROMPT  
QUALIFIED MEDICAL ATTENTION.

## ===== Fire Fighting Measures =====

Flash Point Method: PMCC

Flash Point:188F,87C

Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE. DO  
NOT USE A DIRECT STREAM OF WATER.Fire Fighting Procedures: MATERIEL WILL NOT BURN UNLESS PREHEATED.USE A  
SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: MANUFACTURER STATES NONE.

## ===== Accidental Release Measures =====

Spill Release Procedures: SOAK UP WITH CLAY, SAND OR OTHER  
NON-COMBUSTIBLE INERT ADSORBENT; PLACE IN AN APPROPRIATE CONTAINER  
FOR DISPOSAL.

Neutralizing Agent: NONE

===== Handling and Storage =====

Handling and Storage Precautions: KEEP AWAY FROM HEAT, FLAMES AND  
OXIDIZING MATERIALS.

Other Precautions: NONE

===== Exposure Controls/Personal Protection =====

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN  
ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation: LOCAL VENTILATION AT THE WORKSITE; MECHANICAL(GENERAL)  
VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves: CHEMICALLY RESISTANT

Eye Protection: NO SPECIAL REQUIREMENTS

Other Protective Equipment: CLOTHING TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices: WASH HANDS. SEPARATE WORK CLOTHES FROM STREET  
CLOTHES. LAUNDER WORK CLOTHES BEFORE REUSE. KEEP FOOD OUT OF THE WORK  
AREA.

Supplemental Safety and Health

FORMULA CHANGE FROM SAME NSN. THIS PART OF A 3 PART KIT.

===== Physical/Chemical Properties =====

HCC:V4

Boiling Pt:B.P. Text:>400F,>204C

Melt/Freeze Pt:M.P/F.P Text:-75F,-59C

Spec Gravity:0.86

Solubility in Water: INSOLUBLE

Appearance and Odor: LIQUID; RED-PURPLE; HYDROCARBON ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

OXIDIZING MATERIALS.

Stability Condition to Avoid: HEAT AND OPEN FLAMES.

Hazardous Decomposition Products: CARBON MONOXIDE AND OTHER UNIDENTIFIED  
ORGANIC COMPOUNDS.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND  
LOCAL REGULATIONS.

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