



Material Safety Data Sheet

Product Name:
Kensol 30
Revision Date:
06-Jan-2010
Revision Number:
7

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 4111
Product Name: Kensol 30
Synonyms: Naphtha/Stoddard Solvent/Mineral Spirits
Chemical characterization: Liquid
Supplier: American Refining Group, Inc
77 North Kendall Avenue
Bradford, PA 16701
www.amref.com
Emergency Telephone Number: CHEMTREC: 1-800-424-9300
ARG Watchblock: 814-368-1297

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %	TSCA	DSL
Stoddard solvent	8052-41-3	100	Present	Present

3. HAZARDS IDENTIFICATION

Emergency Overview

- Toxic if swallowed
- Flammable Liquid
- This product may be irritating to skin, eyes, nose, throat, and lungs. Use all necessary personal protection when handling this material.

Eye contact

Skin contact

Inhalation

- Contact with eyes may cause irritation
- This product may cause skin irritation
- Avoid breathing vapors or mists
- Inhalation of high concentrations may cause central nervous system depression, dizziness, headache, or nausea, as well as kidney damage and pulmonary edema.
- Aspiration of this material into the lungs can cause chemical pneumonitis, which can be fatal.

3. HAZARDS IDENTIFICATION

Ingestion	<ul style="list-style-type: none"> Harmful if swallowed Ingestion may cause nausea, vomiting, and diarrhea.
General advice	<ul style="list-style-type: none"> STATIC ACCUMULATING LOW CONDUCTIVITY SOLVENT (<10pS/m) <p>This liquid may form an ignitable vapor-air mixture in closed tanks or containers. Bonding and grounding may be insufficient to remove static electricity. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants.</p> <p>Restrict flow velocity to avoid build-up of static charge.</p> <p>Refer to NFPA 77, API 2003, and CENELEC CLC/TR 50404 for further guidance.</p>

4. FIRST AID MEASURES

General Advice	<ul style="list-style-type: none"> Immediate medical attention is not required If exposure symptoms persist, seek medical attention. Show this safety data sheet to the doctor in attendance
Skin Contact	<ul style="list-style-type: none"> Immediate medical attention is not required Wash off immediately with soap and plenty of water. Seek medical attention if effects persists.
Eye Contact	<ul style="list-style-type: none"> Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes Keep eye wide open while rinsing If exposure symptoms persist, seek medical attention.
Inhalation	<ul style="list-style-type: none"> Immediate medical attention is not required Move to fresh air in case of accidental inhalation of vapours or decomposition products If exposure symptoms persist, seek medical attention.
Ingestion	<ul style="list-style-type: none"> Do not swallow. Rinse mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice Never give anything by mouth to an unconscious person Consult a physician
Notes to Physician	<ul style="list-style-type: none"> Treat symptomatically
Protection of First-aiders	<ul style="list-style-type: none"> Use necessary personal protective equipment
Aggravated Medical Conditions	<ul style="list-style-type: none"> Users with skin conditions (eczema, psoriasis, etc..) respiratory conditions (asthma, bronchitis, emphysema, etc..) or with chemical sensitivities should take protective precautions.

5. FIRE-FIGHTING MEASURES

Flash Point	<ul style="list-style-type: none"> 40.5°C / 105°F
Suitable Extinguishing Media	<ul style="list-style-type: none"> carbon dioxide (CO₂) water fog alcohol-resistant foam dry chemical
Extinguishing media which must not be used for safety reasons	<ul style="list-style-type: none"> Water, except as fog
Special exposure hazards in a fire	<ul style="list-style-type: none"> Keep product and empty container away from heat and sources of ignition
Special Protective Equipment	<ul style="list-style-type: none"> As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

5. FIRE-FIGHTING MEASURES

Specific Methods Firefighting	<ul style="list-style-type: none"> In the event of fire, cool tanks with water spray Use spark-proof tools and explosion-proof equipment Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations
NFPA	<ul style="list-style-type: none"> Health=1, Fire=2, Reactivity=0, Special=0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	<ul style="list-style-type: none"> Evacuate personnel to safe areas Keep people away from and upwind of spill/leak Take precautionary measures against static discharges Wear personal protective equipment Pay attention to flashback Remove all sources of ignition
Environmental Precautions	<ul style="list-style-type: none"> Prevent further leakage or spillage if safe to do so Prevent product from entering drains
Methods for Cleaning Up	<ul style="list-style-type: none"> Dam up Soak up with inert absorbent material Pick up and transfer to properly labelled container for disposal. Take precautionary measures against static discharges Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container

7. HANDLING AND STORAGE

Handling

Technical Measures Handling	<ul style="list-style-type: none"> Use only in areas provided with adequate ventilation. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded Keep away from open flames, hot surfaces and sources of ignition
Safe Handling Advice	<ul style="list-style-type: none"> Wear personal protective equipment Do not breathe vapours or spray mist. Ensure that ventilation is adequate before using this product. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours) Use product only in closed system

Storage

Technical Measures Storage	<ul style="list-style-type: none"> Keep containers tightly closed; discard any material that may be contaminated or, which may have changed composition. Keep away from heat Protect from light Keep in properly labelled containers.
Incompatible Products	<ul style="list-style-type: none"> Strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures

- Ensure adequate ventilation, especially in confined areas
- As a rule, at least 10 air changes per hour are recommended at the workplace

Personal Protective Equipment

Hand Protection

- Impervious gloves

Eye Protection

- Wear tightly fitting safety goggles or safety glasses with side-shields

Respiratory Protection

- In case of insufficient ventilation, wear suitable respiratory equipment

Skin And Body Protection

- Long sleeved clothing

General Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice
- Keep away from food, drink and animal feeding stuffs
- When using, do not eat, drink or smoke

Environmental exposure controls

- Prevent product from entering drains

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State

Liquid

Color

Colorless

Odor

Hydrocarbon solvent

Important Health Safety and Environmental Information

Boiling Point/Range

154°C / 310°F

Pour Point

-60°C /-76°F

Density

6.4 lbs/gallon

Water Solubility

Insoluble

10. STABILITY AND REACTIVITY

Stability

- Stable under normal conditions
- Polymerization does not occur

Conditions to Avoid

- Heat, flames and sparks
- Strong oxidizing agents

Materials to avoid

- Incompatible with strong oxidizers, such as hydrogen peroxide, bromine, and chromic acid

Hazardous Decomposition Products

- When burned :carbon dioxide, carbon monoxide, hydrocarbons

Hazardous Polymerization

- No information available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

LD50 Oral Rat	>2000 mg/kg
LC50 Inhalation	ND
Skin irritation	May cause skin irritation.
Eye irritation	May cause eye irritation. Standard Driaze Test Rabbit-Dose 50 mg/24 hrs-Reaction: Moderate
Inhalation Toxicity	Inhalation may cause mild irritation of respiratory tract. Move to fresh air in case of accidental inhalation
Ingestion Toxicity	Ingestion may cause irritation of mouth, throat, and upset stomach. Nausea, Vomiting, Diarrhea (detersive effects)
Sensitization	May cause sensitization of susceptible persons

Chronic Toxicity

Carcinogenic effects	No information available.
Mutagenic Effects	No information available
Reproductive Effects	No information available
Target Organ Effects	No information available

12. ECOLOGICAL INFORMATION

Product Information

Aquatic toxicity • No information available

Other information

Ozone Depletion Potential	• No information available
Global warming potential (GWP)	• No information available
Additional Ecological Information	• No information available
Mobility	• No information available
Bioaccumulative Potential	• No information available
Ecotoxicity effects	• No information available

13. DISPOSAL CONSIDERATIONS

Waste From Residues/Unused Products	• Dispose of in accordance with local regulations
Contaminated Packaging	• Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION

DOT

14. TRANSPORT INFORMATION

Description	UN 1268, PETROLEUM DISTILLATES, N.O.S.(STODDARD SOLVENT), 3, PG III, , ERG 128
Other information	DOMESTIC: Unregulated by DOT when shipped in containers of less than 118.9 gallons FREIGHT CLASS: Stoddard Solvent-Combustible Liquid

15. REGULATORY INFORMATION

U.S. Inventories

Component	TSCA	CAS-No	Weight %
Stoddard solvent	Present	8052-41-3	100

International Inventories

Component	DSL	EINECS	ENCS	KECL	CHINA	AICS	PICCS
Stoddard solvent	Present	232-489-3		X KE-32199		X	X

DOMESTIC: Unregulated by DOT when shipped in containers of less than 118.9 gallons
FREIGHT CLASS: Stoddard Solvent-Combustible Liquid

16. OTHER INFORMATION

Literary Reference	None
Prepared By	Monica C. Mathers, Product Compliance Coordinator