

W I T C O M A T E R I A L S A F E T Y D A T A S H E E T

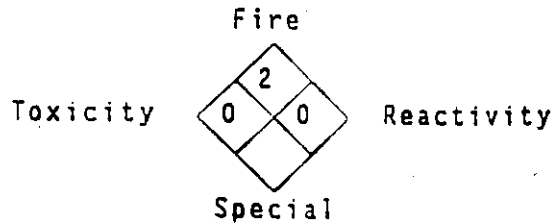
KENSOL 30

PAGE 1

Product Code: C04 4111

CAS NO: 8052-41-3

NFPA HAZARD RATING
 4 - Extreme
 3 - High
 2 - Moderate
 1 - Slight
 0 - Insignificant



=====

DIVISION AND LOCATION---SECTION I

=====

Division: KENDALL/AMALIE
Location: BRADFORD, PENNSYLVANIA
 77 N. KENDALL AVE., BRADFORD, PA. 16701
Emergency Telephone Number: (814) 368-6111
Transportation Emergency: CHEMTREC 1-(800) 424-9300 (U.S. and Canada)

=====

CHEMICAL AND PHYSICAL PROPERTIES---SECTION II

=====

Chemical Name:
 petroleum hydrocarbon

Formula: not applicable

Hazardous Decomposition Products:
 carbon monoxide and carbon dioxide from burning.

Incompatibility (Keep away from):
 strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.

Toxic and Hazardous Ingredients:

Standard solvent	$\frac{3}{100}$	<u>CAS #</u> 8052-41-3
Contains insitu ingredient(s)-for additional information see environmental section IX. 1,2,4 Trimethylbenzene		95-63-6

Form: liquid Odor: mild petroleum

Appearance: low viscosity liquid Color: colorless

Specific Gravity (water=1): .77

Boiling Point: greater than 154°C (310°F)

Melting Point: not applicable

Solubility in Water (by weight %): 0 at 20°C

Volatile (by weight %): 100

Evaporation Rate: (n butyl acetate = 1) .2

Vapor Pressure (mm Hg at 20°C): 3

Vapor Density (air=1): 4.85

pH (as is): not applicable

Stability: Product is stable under normal conditions

Viscosity SUS at 100°F: Less than 100

(Continued on next page)

WITCO MATERIAL SAFETY DATA SHEET

KENSOL 30

PAGE 2

Product Code: C04 4111

FIRE AND EXPLOSION DATA---SECTION III

Special Fire Fighting Procedures:

Do not use water except as fog.

Unusual Fire and Explosion Hazards:

Avoid all ignition sources such as flames and sparks

Flashpoint: (Method Used) Tag closed-cup 43°C (110°F)

Flammable limits %:

Lower: 1 Upper: 7

Extinguishing agents:

Drychemical or Waterfog or CO₂ or Foam

Closed containers exposed to fire may be cooled with water.

HEALTH HAZARD DATA---SECTION IV

Permissible concentrations (air):

stoddard solvent (CAS# 8052-41-3): 100 ppm. 525 mg/m³ (OSHA/ACGIH)

trimethylbenzene: 25 ppm. 125 mg/m³ (OSHA/ACGIH)

Chronic effects of overexposure:

no data available

Acute toxicological properties:

for stoddard solvent: inhalation-irritation of eyes, nose and throat, dizziness; skin contact-dermatitis; eyes-irritation; ingestion-nausea, vomiting. Large amounts, if retained, lead to symptoms of central nervous system depression.

Emergency First Aid Procedures:

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician.

Skin Contact: Remove excess with cloth or paper. Wash thoroughly with soap and water.

Inhalation: Remove victim to fresh air. Call a physician.

If Swallowed: Call a physician immediately. DO NOT induce vomiting. (Vomiting may cause aspiration into lungs resulting in chemical pneumonia.)

ROUTES OF ENTRY:

Inhalation, skin/eye contact, ingestion

TARGET ORGAN(S):

Respiratory system, central nervous system, skin and eyes

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Preexisting eye, skin and respiratory disorders.

SPECIAL PROTECTION INFORMATION---SECTION V

Ventilation Type Required (Local, mechanical, special):

Local if necessary to maintain allowable PEL(permissible exposure limit) or TLV(threshold limit value)

W I T C O M A T E R I A L S A F E T Y D A T A S H E E T

KENSOL 30

PAGE 3

Product Code: C04 4111

(Section V continued)

Respiratory Protection (Specify type):

Use NIOSH/MSHA certified respirator with dual organic vapor/mist and particulates cartridge if vapor concentration exceeds permissible exposure limit.

Protective Gloves:

neoprene type

Eye Protection:

chemical safety goggles

Other Protective Equipment:

none

=====
HANDLING OF SPILLS OR LEAKS---SECTION VI
=====

Procedures for Clean-Up:

Avoid all ignition sources such as flames and sparks. Insure good ventilation. If volume is significant, transfer into containers for disposal. Seal containers tightly. Absorb on an inert ingredient such as earth, sand or vermiculite. Sweep up and dispose of according to Federal, State and local regulations.

Waste Disposal:

Dispose of in accordance with all applicable federal, state and local regulations.

=====
SPECIAL PRECAUTIONS---SECTION VII
=====

Precautions to be taken in handling and storage:

Avoid all ignition sources such as flames and sparks.

Do not handle or store at temperatures over

Maximum Storage Temperature: 38°C (100°F)

=====
TRANSPORTATION DATA---SECTION VIII
=====

D.O.T.: Regulated

U.S. D.O.T. Proper Shipping Name: Combustible liquid, n.o.s. (Stoddard solvent)

U.S. D.O.T. Hazard Class: Combustible liquid

I.D. Number: NA 1993, PGIII, ERG #27

Label(s) Required: none

Reportable Quantity: none

Freight Classification: Stoddard solvent-Combustible liquid

Special Transportation Notes:

DOMESTIC: Unregulated by DOT when shipped in containers of less than 118.9 gallons.

For Export: regulated as naphtha, solvent, 3.3 UN 1256, PG III, category A, IMDG 3375.

(Continued on next page)

WITCO MATERIAL SAFETY DATA SHEET

KENSOL 30

PAGE 4

Product Code: C04 4111

ENVIRONMENTAL/SAFETY REGULATIONS---SECTION IX

Section 313 (Title III Superfund Amendment and Reauthorization Act):

This product contains the following chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (the corresponding CAS number and percent by weight are also provided):

1,2,4 trimethyl benzene CAS# 95-63-6 2.67%

COMMENTS

* STATE REGULATORY INFORMATION:
PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW ACT: This product contains the following ingredient(s) listed in Appendix A Hazardous Substance List:

Component	CAS No.
stoddard solvent	8052-41-3

LABEL INFORMATION

CAUTION! COMBUSTIBLE MIXTURE

Contains Stoddard Solvent-CAS No. 8052-41-3.

A hydrocarbon solvent useful for parts cleaning baths. Use wherever a Stoddard Solvent or Mineral Spirits is recommended. It is not suggested as a paint thinner due to the slower drying time that would result. Kensol 30 does not contain any chlorinated solvent.

Use adequate ventilation to insure that fumes do not come in contact with sources of ignition such as flames and sparks. Avoid prolonged breathing of mist or vapors and prolonged or repeated skin contact. Use NIOSH/OSHA approved respirator, and chemical splash goggles to prevent eye contact.

* EMERGENCY FIRST AID PROCEDURES

Eye Contact-Flush immediately with large amounts of water for at least 15 minutes. Call physician.

Skin Contact-Remove excess with cloth or paper. Wash thoroughly with soap and water.

Inhalation-Remove victim to fresh air. Call a physician. The OSHA permissible exposure limit for stoddard solvent is 100 ppm.

If Swallowed-Do not induce vomiting. Call a physician immediately.

(Continued on next page)

W I T C O M A T E R I A L S A F E T Y D A T A S H E E T

KENSOL 30

PAGE 5

Product Code: 004 4111

Prepared by: Charles L. Pagano _____
Title: Coordinator Safety, Health & Compliance _____
Original Date: 06/03/80 Sent to: _____
Revision Date: 08/11/95 _____
Supersedes : 05/12/94 _____
Date Sent : _____

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.