

FARMERS UNION CENTRAL EXCHANGE INC (CENEX) -- #2 FUEL (LOW SULFUR) --  
9140-00-000-0184

===== Product Identification =====

Product ID:#2 FUEL (LOW SULFUR)

MSDS Date:02/01/1994

FSC:9140

NIIN:00-000-0184

MSDS Number: BTTRB

=== Responsible Party ===

Company Name:FARMERS UNION CENTRAL EXCHANGE INC (CENEX)

Address:5500 CENEX DRIVE

Box:64089

City:ST PAUL

State:MN

ZIP:55164-0089

Country:US

Info Phone Num

:612-451-5151

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE:5Z134

=== Contractor Identification ===

Company Name:CENEX/LAND O'LAKES AG SERVICES

Box:64089

City:ST PAUL

State:MN

ZIP:55164-0089

Country:US

Phone:612-451-5151

CAGE:0LMC0

Company Name:FARMERS UNION CENTRAL EXCHANGE INC

Address:5500 CENEX DR CENEX MS 530

Box:64089

City:ST PAUL

State:MN

ZIP:55164-0089

Country:US

Phone:612-451-5151

CAGE:5Z134

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

Ingred Name:COMPLEX MIX

TUE OF PARAFFINIC,OLEFINIC,NAPHTHENIC,& AROMATIC  
HYDROCARBONS [NO. 2 FUEL OIL]

CAS:68476-30-2

RTECS #:LS8930000

Fraction by Wt: >99%

Other REC Limits:NONE RECOMMENDED

Ingred Name:NAPHTHALENE (SARA III) (APPROXIMATELY 3%).

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 38C

Autoignition Temp:Autoignition Temp Text:490F

Lower Limits:0.4

Upper Limits:8.0

Extinguishing Media:WATER SPRAY OR FOG, DRY CHEMICAL, FOAM, OR CARBON  
DIOXIDE. USE A SMOTHERING TECHNIQUE TO EXTINGUISH FIRE.

Fire Fightin

g Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE GEAR. USE WATER FOG TO COOL FIRE EXPOSED  
CONTAINERS. CONTAIN RUN-OFF FROM FIREFIGHTING.

Unusual Fire/Explosion Hazard:COMBUSTION BY PRODUCTS MAY CONTAIN CARBON  
MONOXIDE AND OTHER TOXIC MATERIALS.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION.WEAR PROPER  
PROTECTIVE EQUIPMENT.CONTAIN SPILL.DO NOT FLUSH TO SEWER OR SURFACE  
WA

TER.ABSORB W/INERT MATERIAL.USE NON-SPARKING TOOLS.RECOVER AS  
MUCH AS POSSIBLE.NOTIFY NATIONAL RESPONSE CENTER,800-424-8802,IF  
REQU'R'D

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A CLOSED CONTAINER AWAY FROM  
IGNITION SOURCES & STRONG OXIDIZING AGENTS. PROTECT CONTAINERS FOR  
PHYSICAL DAMAGE.

Other Precautions:OUTDOOR OR DETACHED STORAGE PREFERRED. PREVENT  
ELCTRICAL SPARKS & USE EXPLOSI

ON-PROOF ELECTRICAL SERVICES. GROUND  
& BOND CONTAINERS WHEN TRANSFERRING MATERIAL. NO SMOKING IN AREAS  
OF USE. LAUNDRY OILY RAGS BEFORE REUSE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED  
AIR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS IF NON-ROUTINE  
USE OR EMERGENCY OCCURS. USE IAW MANUFACTURER'S RECOMMENDATIONS &  
29 CFR 1910.134.

Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION AND  
LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW REGULATORY LIMITS.

Protective Gloves:NITRILE, PVA

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:ADDITIONAL PROTECTIVE CLOTHING MAY BE  
REQUIRED DEPENDING ON WORKING CONDITIONS. EYE WASH STATION & SAFETY  
SHOWER.

Work Hygienic Practices:USE GOOD PERSONAL HYGIENE. LAUNDRY CONTAMINATED  
CLOTHING BEFORE REUSE.

Supplemental Safety and Health

DO NOT WELD OR USE CUTTING TORCH ON EMPTY CONTAINERS SINCE PRODUCT

RESIDUE MAY EXHIBIT HAZARDS ASSOCIATED WITH THE MATERIAL.

REGULATORY INFO=SARA TITLE III: SECTIONS 302/304 EHS-NONE;  
311/312-REPORT U

UNDER-ACUTE/CHRONIC/FIRE;313-NAPHTHALENE;BIPHENYL;1,2,4  
TRIMETHYLBENZENE,XYLENE.

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

HCC:F4

Boiling Pt:B.P. Text:>330F,>166C

Vapor Pres:1-2 MM HG

Vapor Density:>1

Spec Gravity:0.82-0.88

Solubility in Water:NEGLIGIBLE

Appearance and Odor:MOBILE LIQUID; MILD PETROLEUM ODOR. MAY CONTAIN

MANDATED DYE.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, FLAME AND SPARKS.

Hazardous Decomposition Products:OXIDES OF CARBON, SMALL AMOUNTS OF  
SULFUR (DEPENDS ON SULFUR CONTENT).

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

Waste Disposal Methods:MAY BE DISPOSED OF THROUGH A LICENSE

## D WASTE

DISPOSAL COMPANY, BY CONTROLLED INCINERATION. FOLLOW LOCAL, STATE & FEDEARL REGULATIONS. DLA-HMIS: EPA/RCRA WASTE NUMBER D001 MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT. RQ=FILM OR SHEEN ON WATERSURFACE.

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