

MATERIAL SAFETY DATA SHEET: FIRE UP

Section I - General Information

(000000-000000- - 0291)

Date of Issue:

3/20/1995 12:00:00 AM

Supersedes:

8/11/1992 12:00:00 AM

Chemical Name & Synonyms:

N/A

Trade Name & Synonyms:

FIRE UP

Chemical Family:

ALIPHATIC DISTILLATE

Formula is a mixture: []

Manufacturer Name:

CERTIFIED LABS, DIV. OF NCH CORP.

Manufacturer Address:BOX 152170
IRVING, TEXAS 75015**Prepared By:**

L DEYOUNG/CHEMIST

Product Code Number:

0291

Emergency Phone Number:

800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

| Chemical Name (Ingredients) | Hazard | TLV | PEL | STEL | CAS # |
|-----------------------------|------------|------------|-----------|------|-----------|
| KEROSENE | COMB/EYE I | NOT EST. 1 | 400 PPM 2 | | 8008-20-6 |
| NAPHTHA | FLAM/OIL M | 300PPM 1. | 500PPM 2. | NA | 8030-30-6 |

Section III - Physical Data

| | |
|--|--|
| Boiling Point (°F): 320-365 | Specific Gravity (H ₂ O=1): 0.845 |
| Vapor Pressure (mm Hg): 15 | Color: AMBER |
| Vapor Density (Air=1): 4.7 | Odor: SOLVENT |
| pH @ 100% : N/A | Clarity: OPAQUE |
| % Volatile by Volume: 85 | Evaporation Rate (BuAc=1): <0.1 |
| H ₂ O Solubility: INSOLUBLE | Viscosity: NON-VISCOUS |

Section IV - Fire and Explosion Hazard

Flash Point: 115 F

Method Used: T.C.C.

Flammable Limits:

UEL: 6.0

LEL: 0.7

Aerosol Level (NFPA 30B): N/A

Extinguishing Media:

| | | |
|--|---------------------------------------|---|
| <input checked="" type="checkbox"/> Foam | <input type="checkbox"/> Alcohol Foam | <input checked="" type="checkbox"/> CO ₂ |
| <input checked="" type="checkbox"/> Dry Chemical | <input type="checkbox"/> Water Spray | <input type="checkbox"/> Other |

NFPA 704 Hazard Rating:

| | |
|-----------------|-----------------|
| 4-Extreme | Health: 3 |
| 3-High | Flammability: 2 |
| 2-Moderate | Instability: 0 |
| 1-Slight | Special: |
| 0-Insignificant | |

Special Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

Unusual Fire and Explosion Hazards:

VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY HEAT, PILOT LIGHTS, OTHER FLAMES AND IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.

Section V - Health and Hazard Data

Threshold Limit Value:

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:**Acute: (Short Term Exposure)**

MAY CAUSE SEVERE IRRITATION, REDNESS, TEARING, AND BLURRED VISION UPON EYE CONTACT. EXCESSIVE INHALATION OF VAPORS MAY CAUSE NASAL AND RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, AND POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO INGESTING OR VOMITING MAY CAUSE CHEMICAL PNEUMONIA WHICH MAY BE FATAL. NO SKIN CONTACT EFFECTS ARE KNOWN.

Chronic: (Long Term Exposure)

PROLONGED SKIN CONTACT CAUSES REDNESS AND DRYING OF SKIN AND CAN LEAD TO DERMATITIS. CONSTANT EXPOSURE TO EYES CAUSES IRRITATION, BUT NO TISSUE DAMAGE. CHRONIC INHALATION CAN LEAD TO PRONOUNCED CENTRAL NERVOUS SYSTEM EFFECTS OF NAUSEA, HEADACHE AND LIGHTHEADEDNESS. TARGET ORGANS: NONE.

Primary Routes of Entry

Inhalation Ingestion Absorption

Emergency First Aid Procedures:**Inhalation:**

IF AFFECTED REMOVE INDIVIDUAL FROM AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR IF BREATHING BECOMES DIFFICULT.

Eye Contact:

FLUSH WITH WATER. REMOVE ANY CONTACT LENSES AND FLUSH WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

Skin Contact:

THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

Ingestion:

GIVE 3-4 GLASSES OF WATER BUT DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO LUNGS DURING VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

Notes to Physician:

GASTIC LAVAGE IS INDICATED. DO NOT INDUCE VOMITING. ASPIRATION CAN BE FATAL.

Section VI - Toxicity Information

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC NTP OSHA ACGIH Other

KEROSENE

ORL-RAT LDLO: 800 MG/KG 3.

ORL-RBT LD50: 28 G/KG 3.

IVN-DOG LDLO: 200 MG/KG 3.

ORL-DOG LDLO: 4 G/KG 3.

ORL-GPG LD50: 20 G/KG 3.
 NAPHTHA
 IHL-HMN LCLO: 3 PPH/5M 3.
 IVN-MAN LDLO: 27 MG/KG: PUL 3.
 IHL-RAT:LCLO: 1600 PPM/6H 3.

Section VII - Reactivity Data

| | |
|---|--|
| Stability <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable Conditions to Avoid: CONTACT WITH IGNITION SOURCES. | Hazardous Polymerization <input checked="" type="checkbox"/> Will not occur <input type="checkbox"/> May occur Conditions to Avoid: N/A |
|---|--|

Incompatibility (Materials to Avoid):
 STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
 CARBON DIOXIDE. CARBON MONOXIDE, AND OTHER HYDROCARBONS WHICH OCCUR FROM INCOMPLETE COMBUSTION.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:

REMOVE ALL IGNITION SOURCES. PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DYKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBANT, ETC. AND SHOVELED INTO CONTAINERS.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL POLLUTION REGULATIONS.

Neutralizing Agent:

N/A

Section IX - Special Protection Information

Required Ventilation:

PROVIDE SUFFICIENT MECHANICAL VENTILATION (GENERAL AND/OR LOCAL EXHAUST) TO MAINTAIN EXPOSURE BELOW TLV.

Respiratory Protection:

IF WORKPLACE EXPOSURE LIMIT OF PRODUCT IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (NEGATIVE PRESSURE TYPE).

Glove Protection:

SOLVENT RESISTANT GLOVES SUCH AS POLYVINYL ALCOHOL FOR REPEATED OR PROLONGED SKIN CONTACT.

Eye Protection:

SAFETY GLASSES.

Other Protection:

N/A

Section X - Storage and Handling Information

| | |
|--|--|
| Storage Temperature Max: 120 F. Min: 0 F. | Storage Conditions <input checked="" type="checkbox"/> Indoors <input type="checkbox"/> Outdoors <input type="checkbox"/> Heated <input type="checkbox"/> Refrigerated |
|--|--|

Precautions to be Taken in Handling and Storing:

KEEP AWAY FROM HEAT AND OPEN FLAME. USE OR STORE WITH ADEQUATE VENTILATION THAT WILL KEEP VAPOR

CONCENTRATIONS BELOW PERMISSABLE EXPOSURE LIMITS. DO NOT USE CUTTING OR WELDING TORCH ON THE CONTAINER. EVEN WHEN EMPTY.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

Section XI - Regulatory Information

| Chemical Name | CAS Number | Upper % Limit |
|----------------------|-------------------|----------------------|
| N/A | | |

Those Ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

Section XII - References

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1991-1992.
2. OSHA, PEL.
3. DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, SEVENTH EDITION, SAX AND LEWIS.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

CERTIFIED LABS, DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage, or disposal of the product.

©2007 NCH Corporation All rights reserved.