ATCO INTERNATIONAL; 1401 BARCLAY CIRCLE; MARIETTA; GA 30060
TELEPHONE: (770)424-7550 EMERGENCY TELEPHONE: (800)535-5053
EVENINGS OR WEEKENDS: (800)535-5053

## SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: D.O.A. (A/12)
PRODUCT NUMBER: 2905
LAST REV. DATE: 04/17/96
PREPARED BY:
F.J.SPAETH
DIRECTOR OF TECHNICAL SERVICES.

## SECTION II: HAZARDOUS INGREDIENTS

| INGREDIENT | CAS # | %WGT | VP | VD | | PPM | MG/M3 |
|---|---|---|---|---|---|---|---|
| HYDROCARBON DISTILLATE | | | | ND | OSHA | 200.00 | 1470.00 |
| | 64742-47-8 | | @ 77.00 C | | ACGIH | 0.000 | 0.000 |
| CARBON DIOXIDE | | | | ND | OSHA | 0.000 | 0.000 |
| | 124-38-9 | | | | ACGIH | 0.000 | 0.000 |

HMIS 1:H 0:F 0:R A:P

## SECTION III: PHYSICAL DATA

BOILING RANGE: LOW: 362 F HIGH: 516 F
EVAPORATION RATE (BUTYL ETHER=1): <1
WEIGHT PER GALLON (25 C): 6.760 LBS/GL
VAPOR DENSITY (AIR=1): >1
VOLATILE BY WEIGHT: NO DATA
VOLATILE BY VOLUME: NO DATA
SPECIFIC GRAVITY: 0.81
VOC: NO DATA METHOD: C
PHOTOCHEMICAL REACTIVITY:
This product's solvent system is not considered photochemical reactive.
APPEARANCE: CLEAR COLORLESS LIQUID.
ODOR: SOLVENT-LIKE.
WATER SOLUBILITY: NEGLIGIBLE.

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION
OSHA:COMBUSTIBLE LIQUID - CLASS IIIA
DOT:Combustible Liquid
FLASH POINT (DEG. F): >140
LOWER EXPLOSIVE LIMIT (LEL): NO DATA
UPPER EXPLOSIVE LIMIT (UEL): NO DATA
EXTINGUISHING MEDIA:
Carbon dioxide; dry chemical; foam; and vaporizing liquid type extinguishing agents have all been found suitable for use on flammable liquid fires of moderate size. Water spray (fog) is particularly effective on fires in flammable liquids and volatile solids having flash points above 100 F.; but with liquids having flash points above 212 F.; frothing

may occur.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None. However; containers may burst explosively if over heated in fire. Cool containers with water spray or fog.

SPECIAL FIRE-FIGHTING PROCEDURES:

If water is used; fog nozzles are preferable. Water may be used to cool closed containers in order to prevent pressure build up which may result in an explosion.

********** SECTION V: HEALTH HAZARD DATA **********

PRIMARY ROUTE(S) OF ENTRY: Inhalation: Y Skin Contact: N
Ingestion: N

EXPOSURE LIMIT:Refer to Section II for complete PEL/TLV data.

ACUTE EFFECTS OF OVEREXPOSURE

INHALATION: Essentially non irritating.

SKIN CONTACT:

May cause skin irritation on repeated or prolonged contact.

EYE CONTACT: May cause stinging of eyes followed by irritation.

SKIN ABSORPTION:

No evidence of adverse effects from available information.

INGESTION:

Effects of ingestion are unknown. May be harmful if swallowed. May cause mouth; throat; and gastrointestinal tract irritation; nausea; vomiting; and diarrhea.

Seek medical attention.

CHRONIC EFFECTS OF OVEREXPOSURE:

Inhalation or ingestion of material can be irritating and cause burning of the nose; throat and eyes; coughing; and tightness of the chest. Severe overexposure may result in difficulty breathing; headache; nausea; vomiting; drowsiness loss of coordination; and unconsciousness.

CARCINOGENICITY: IARC: N NTP: N OSHA: N

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE:

No additional effects of overexposure to this material can be found from available information.

ADDITIONAL TOXICITY INFORMATION:

No additional information available.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION:

If affected by inhalation of vapor or spray mist; remove to fresh air.

EYE CONTACT:

In case of contact; immediately flush eyes with copious amounts of water for at least 15 minutes.

SKIN CONTACT:

In case of contact; immediately flush skin with soap and water.

INGESTION: DO NOT INDUCE VOMITING. Consult a physician.

## SECTION VI: REACTIVITY DATA

STABILITY: Stable.
CONDITIONS TO AVOID: Open flame; sparks; or high temperature.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:
Thermal decomposition and or burning may produce oxides of carbon and various hydrocarbons.
HAZARDOUS POLYMERIZATION: Will not occur.

## SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Stop source of spill. Absorb with inert absorbant material and dispose of in a manner consistant with applicable regulations.
WASTE DISPOSAL METHOD:
Dispose of in accordance with applicable Federal; State; and local regulations. Under the Resource Conservation and Recovery Act (RCRA) regulations; it is the responsibility of the product user to determine; at the time of disposal; whether a material should be classified as a hazardous waste. Consult your attorney or appropriate regulatory affairs officer for information on proper disposal.

## SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:
None required in excess of normal ventilation.
VENTILATION:
Local mechanical exhaust to provide normal ventilation.
PROTECTIVE GLOVES:
Impervious gloves recommended.
EYE PROTECTION:
Use safety eyewear designed to protect against splash of liquids.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
None required.
HYGIENIC PRACTICES:
Wash thoroughly after handling.

## SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Do not store above 120 F.
Keep closure tight and container upright to prevent leakage.
Store drum out of sunlight and away from heat; sparks; or flame.
Store only in well-ventilated areas.
OTHER PRECAUTIONS:
Follow label instructions. KEEP OUT OF REACH OF CHILDREN.

********** SECTION X: REGULATORY INFORMATION **********

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:
All components of this product are listed on the TSCA Section 8(b) Inventory.

SARA SECTION 312 HAZARD CATEGORIES:
N-Fire Hazard
N-Pressure Hazard
N-Reactivity Hazard
N-Acute Health Hazard
N-Chronic Health Hazard

SARA SECTION 313 STATUS

| Component/Category Name | CAS Number | Weight % |
|---|---|---|

**********

DISCLAIMER

The information and or data contained herein are based on available literature and information we believe to be reliable. They are offered in good faith; but without guarentees; as conditions and methods of use of our product are beyond our control. We recommend that the prospective user determine the suitability of our materials from the contained information before adopting them for use.