
Mercury Chemical Corporation

MATERIAL SAFETY DATA

SECTION 1: **PRODUCT IDENTIFICATION**

Material Name (Trade Name): MercoLev - N

Product Code # FCDA-120

Manufacturer: Mercury Chemical Corporation

Chemical Name: Acetophenon

Chemical Family: Ketone

Emergency Telephone Numbers: (336)226-9152

MSDS Number: 001

Effective Date: 4-25-06

Revision #: 001

SECTION 2: **INGREDIENTS**

| <u>Material/CAS</u> | <u>%</u> | <u>Health Hazard Data</u> |
|---------------------|----------|--|
| Acetophenon/98-86-2 | 99% | TWA 10ppm ACGIH TLV US WEEL Guide 50 mg/m3 Data |

EMERGENCY PHONE: (336)226-9152

Mercury Chemical Corporation, P. O. Box 2773, Burlington, NC 27216-2773

SECTION 3: PHYSICAL DATA

Boiling Point: 390 F

Solubility in Water: Slightly soluble

Vapor Pressure:

Vapor Density:

% Volatile by Weight:

pH: (neat) : 6.5 - 7.5

Appearance/Odor: Clear liquid; sharp, sweet odor

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point (F): 185 F Method: TTC

Flammable Limits (%):

Extinguishing Media: Alcohol resistant foam, carbon dioxide, dry chemical

Special Firefighting Procedures:

Prevent run off to sewers and bodies of water from fighting fires involving this product, as it will be a RCRA hazardous waste material.

Unusual Fire and Explosion Hazards:

Irritating vapors may be evolved. Wear proper protective firefighting equipment.

SECTION 5: HEALTH HAZARD INFORMATION/FIRST AID

Toxicology:

Exposure Standards: Not known

Signs and Symptoms of Exposure:

May cause minor eye irritation.

May cause a delayed skin irritation and blistering.

May be irritating to mouth, throat and stomach.

FIRST AID

Eye Contact:

Immediately flush eyes with large amounts of water, occasionally lifting the upper and lower eyelids, for a minimum of fifteen (15) minutes. Seek medical attention immediately,

Skin Contact:

Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

Inhalation:

Remove to fresh air. If breathing impaired, assisted respiration (mouth to mouth) may be indicated as well as supplemental oxygen. Seek medical attention. Do not give fluids if victim is unconscious.

Ingestion:

If swallowed, induce vomiting by giving large quantities of water and (a) stimulation back of throat with finger, or (b) giving syrup of ipecac. 1 oz. Never give anything by mouth or induce vomiting in an unconscious person. Obtain medical attention immediately.

SECTION 6: REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Strong acids and strong oxidizing agents.

Incompatibility (Materials to Avoid): Strong acids and strong oxidizing agents.

Hazardous Decomposition or By-Products: Oxides of carbon

Hazardous Polymerization: Will not occur.

SECTION 7: SPILL, LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case material is released or spilled:

Waste Disposal Method:

This product may yield waste subject to the RCRA land disposal restrictions found at 40 CFR 268. These waste must be treated according to the treatment standards at 40 CF 268 subpart D before land disposal.

Precautions to be taken when handling and storing:

Keep away from oxidizers, heat or flames. Keep in a cool, dry ventilated storage and in closed containers. Avoid contact with skin, eyes and clothing.

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection:

May cause severe eye irritation. May cause skin irritation combustible liquied and vapor.

Avoid breathing fumes, vapors, mist or spry. Use adequate ventilation and/or respiratory protection. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wear proper protective equipment. Keep away from heat, sparks and open flames. Keep container closed when not in use and store in proper container.

Eye Protection:

Chemical splash goggles and full face shield.

Other Protective Clothing and Equipment:

**Rubber Apron
Eye wash stations readily accessible
Safety shower
Long sleeved clothing**

Work and Hygienic Practices:

Wash at the end of each workshift and before eating, smoking or using the toilet. Change work clothing daily before leaving the work place.

SECTION 9: SPECIAL PRECAUTIONS & HANDLING INFORMATION

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from heat, sparks and flame. Keep container closed.

SECTION 10: REGULATORY INFORMATION

Federal EPA

CERCLA: Comprehensive Environmental Response, Compensation and Liability Act of 1980 requires notification to the National Response Center for release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under this statute are:

| <u>Material</u> | <u>CAS#</u> | <u>Concentration (%)</u> |
|---|--------------------|---------------------------------|
| ETHANONE 1-Phenyl-Acetophenone | 98-6-2 | 95-99% |

SARA Title III: Superfund Amendments and Reauthorization Act of 1986 requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under this statute are:

| <u>Material</u> | <u>CAS#</u> | <u>Concentration (%)</u> |
|------------------------|--------------------|---------------------------------|
| Acetophenone | 98-86-2 | 95-99% |

Sara Title III: Superfund Amendments and Reauthorization Act of 1986 requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on reportable quantities (RQs) in 40 CFR 355.

Components present in this product at a level which could require reporting under this statute are:

| <u>Material</u> | <u>CAS#</u> | <u>Concentration (%)</u> |
|------------------------|--------------------|---------------------------------|
|------------------------|--------------------|---------------------------------|

TSCA: Toxic Substances Control Act status: The ingredients of this product are on the TSCA inventory.

State Right-To-Know

CALIFORNIA Proposition 65 (reportable materials): NONE

| <u>Material</u> | <u>CAS#</u> | <u>Concentration (%)</u> |
|------------------------|--------------------|---------------------------------|
| Acetophenone | 98-86-2 | 95-99% |

MASSACHUSETTS Right-To-Know, Substance Inventory (MSL) lists hazardous substances and extraordinarily hazardous substances which must be identified when present in products. (>+=0.0001%)

Components present in this product at a level which could require reporting under this statute are:

Extraordinarily Hazardous Substances

| <u>Material</u> | <u>CAS#</u> | <u>Concentration (%)</u> |
|------------------------|--------------------|---------------------------------|
|------------------------|--------------------|---------------------------------|

Other Hazardous Substances

| <u>Material</u> | <u>CAS#</u> | <u>Concentration (%)</u> |
|------------------------|--------------------|---------------------------------|
| Acetophenone | 98-86-2 | 95-99% |

PENNSYLVANIA Right-To-Know, Hazardous Substances Inventory lists hazardous substances and special hazardous substances which must be identified when present in products.

Components present in this product at a level which could require reporting under this statute are:

| <u>Material</u> | <u>CAS#</u> | <u>Concentration (%)</u> |
|------------------------|--------------------|---------------------------------|
| Acetophenone | 98-86-2 | 95-99% |

NEW JERSEY Worker and Community Right-To-Know Act Hazardous Substance Inventory lists hazardous components present in this product which could require reporting under this statute are:

| <u>Material</u> | <u>CAS#</u> | <u>Concentration (%)</u> |
|------------------------|--------------------|---------------------------------|
| Acetophenone | 98-86-2 | 95-99% |

SECTION 11: TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

DOT Exceptions and Additional Labels Required:

Other Labeling Information:

Reportable Quantity:

Freight Class: 55

The information contained herein is based on the data available to us and is believed to be correct. However, MERCURY CHEMICAL CORPORATION makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. MERCURY CHEMICAL CORPORATION assumes no responsibility for injury from the use of the product described herein.
