

Product Code:           MSDS025  
Product Name:          EXPRESS - RTU  
                          ITEM CODES: ND32730, RTUEXPRESSGAL

24-hour Emergency Phone:                                 (800) 535-5053

HMIS CODES H F R P  
                  1 0 0 X

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**DISTRIBUTED BY:**  
                                  DAYCON PRODUCTS COMPANY, INC.  
                                  16001 TRADE ZONE AVE.  
                                  UPPER MARLBORO, MD 20774

**2. HAZARDS IDENTIFICATION**

Irritant of the eyes and skin, of the mucous membranes and of the respiratory tract. If swallowed, causes abdominal pain and gastric discomfort.

Hazard Classification: Skin and Eye Category 3: Mild Irritant

**Potential Health Effects**

**EYE:**

Eye irritant.

**SKIN:**

Skin irritant.

**INGESTION:**

May cause nausea, vomiting and stomach irritation.

**INHALATION:**

Harmful if inhaled, dependent on the extent of exposure. Under normal conditions, using adequate ventilation no problems are expected. Excessive inhalation may irritate the mucous membranes and the respiratory tract.

**CHRONIC (CANCER) INFORMATION:**

Not listed by IARC or NTP as a carcinogen.

**TERATOLOGY (BIRTH DEFECT) INFORMATION:**

Not classified as a teratogen.

**REPRODUCTION INFORMATION:**

Monoethanolamine (MEA) caused harm to the fetus in a laboratory animal study in which high doses of the material were placed in the stomachs of the mothers through a feeding tube. In other studies, MEA was not harmful to unborn rats or rabbits when the chemical was given to the mothers by skin contact. Contact with MEA in the workplace at levels which are not harmful to the mother should have no effect on the unborn baby. Does not harm reproductive cells.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
Polyethylene Emulsion (Nonhazardous)	Mixture	Not Regulated
D-Limonene	5989-27-5	Not Regulated
Monoethanolamine	141-43-5	Not Regulated
ACGIH TWA 3 ppm, STEL 6 ppm		
NIOSH REL: 3 ppm, 8 mg/m3		
NIOSH STEL: 6 ppm, 15 mg/m3		
OSHA Z1 PEL: 3 ppm, 6 mg/m3		

### 4. FIRST AID MEASURES

#### EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a poison control center or doctor for treatment advice.

#### SKIN:

Immediately flush skin with water while removing contaminated clothing and shoes. Seek medical attention if irritation persists. Wash clothing before reuse and discard contaminated shoes.

#### INGESTION:

If swallowed, Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT INDUCE vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

#### INHALATION:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

#### NOTE TO PHYSICIANS:

Not Applicable.

### 5. FIRE FIGHTING MEASURES

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**FLAMMABLE PROPERTIES:**

**FLASH POINT: N/A**                                       **Method: N/A**  
Not flammable. Aqueous solution.

**FLAMMABLE LIMITS:**

**Lower flammable limit: N/A**  
**Upper flammable limit: N/A**

**AUTOIGNITION TEMPERATURE:**

No Information Available.

**HAZARDOUS COMBUSTION PRODUCTS:**

Ammonia, carbon dioxide and carbon monoxide, nitrogen oxides. Oxides of carbon.

**EXTINGUISHING MEDIA:**

For a SMALL fire, Use dry chemicals, CO2, water spray or alcohol-resistant foam. For a LARGE fire, use water spray, water fog or alcohol resistant foam. Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.

**FIREFIGHTING INSTRUCTIONS:**

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines.

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**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:**

Use appropriate containment to avoid run-off. Keep out of streams, sewers and waterways. Collect free material. Absorb remainder on inert absorbant. Wash area with plenty of water.

**LARGE SPILL:**

If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways.

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**7. HANDLING AND STORAGE**

**HANDLING:**

Containers, even those that have been emptied, will retain product residue and vapor and should be handled as if they were full. Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Use only with adequate ventilation/personal protection. Avoid contact with eyes, skin or clothing.

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**STORAGE:**

Keep containers covered. Avoid eye and prolonged skin contact. Take the usual chemicals handling precautions. Handle and use in a manner consistent with good industrial techniques and practices.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:**

Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from handling this product.

**RESPIRATORY PROTECTION:**

If vapors are present, use NIOSH approved respirator or self contained breathing apparatus. If irritation is experienced, a NIOSH-approved respirator should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposure. Respiratory protection may be needed for non-routine or emergency situations.

**SKIN PROTECTION:**

Wear impervious gloves, safety apron, and clothing if there is a chance of skin contact with product.

**EYE PROTECTION:**

Chemical splash goggles with side shields recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**BOILING POINT:** 177 C  
**MELTING POINT:** Not applicable.  
**VAPOR PRESSURE:** NO INFORMATION AVAILABLE.  
**VAPOR DENSITY: (Air=1):** >1  
**SOLUBILITY IN WATER:** Emulsifies Soluble  
**SPECIFIC GRAVITY:** .99  
**pH:** 9.0-10.5  
**ODOR:** Citrus.  
**APPEARANCE:** Opaque pink liquid.

**10. STABILITY AND REACTIVITY**

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**CHEMICAL STABILITY (CONDITIONS TO AVOID):**

Stable.

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**INCOMPATIBILITY:**

Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon and nitrogen.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

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**11. TOXICOLOGICAL INFORMATION**

**EYE:**

Direct contact may cause irritation.

**SKIN:**

For Monoethanolamine: LD50 rabbit: 1000 mg/m3 Citrus terpenes show low dermal toxicity (LD50>5g/kg). Skin irritancy of D-limonene in guinea pigs and rabbits is considered moderate and low, respectively.

**INGESTION:**

For Monoethanolamine: LD50 rat: 1720 mg/m3 Citrus terpenes have low oral toxicity (LD50>5g/kg).

**INHALATION:**

Citrus terpenes show low toxicity by inhalation (RD50>1 g/kg). Inhalation may cause irritation of the nose, throat, and respiratory tract.

**SUBCHRONIC:**

All components of this product are listed on the U. S. TOXIC SUBSTANCE CONTROL ACT (TSCA) Inventory or exemption has been granted in accordance with 40 CFR 723.50.

**CHRONIC/CARCINOGENICITY:**

Not classified as a carcinogen.

**TERATOLOGY:**

Not a teratogen.

**REPRODUCTION:**

Not expected to effect human reproduction.

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**MUTAGENICITY:**

Not mutagenic.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:**

Monoethanolamine:

Toxicity to fish: 96 hr. LC 50 Fathead minnow: 125-2,070 mg/m3

Toxicity to daphnia and other aquatic invertebrates: LC 50 Water flea: 33.00-93.00 mg/L.

Information is based on data on the components and the ecotoxicology of similar products. Bioaccumulation potential is low.

**CHEMICAL FATE INFORMATION:**

Not classified as a marine pollutant.

**13. DISPOSAL CONSIDERATIONS**

Dispose of according to current and applicable Local, State and Federal Laws and Regulations by a licensed disposal agent.

Dispose empty containers in accordance with applicable regulations.

**14. TRANSPORT INFORMATION(Not meant to be all inclusive)**

Not regulated.

**15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent**

**U.S. FEDERAL REGULATIONS:**

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR 1910.1200

**OSHA:**

HAZCOM STANDARD

**CERCLA: SARA HAZARD CATEGORY:**

NO INFORMATION AVAILABLE.

**SECTION 313:**

NO INFORMATION AVAILABLE.

**INTERNATIONAL REGULATIONS:**

