

MATERIAL SAFETY DATA SHEET: TACKLE

Section I - General Information

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Date of Issue:

9/22/2000 12:00:00 AM

Supersedes:

7/27/1995 12:00:00 AM

Chemical Name & Synonyms:

N/A

Trade Name & Synonyms:

TACKLE

Chemical Family:

ACRYLIC EMULSION

Formula is a mixture: [✓]

Manufacturer Name:

CERTIFIED LABS, DIV. OF NCH CORP.

Manufacturer Address:

BOX 152170
IRVING, TEXAS 75015

Prepared By:

R Stolley/Chemist

Product Code Number:

0034

Emergency Phone Number:

800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

<u>Chemical Name (Ingredients)</u>	<u>Hazard</u>	<u>TLV</u>	<u>PEL</u>	<u>STEL</u>	<u>CAS #</u>
ETHYLENE GLYCOL	IRRITANT	100MG/M3\$1	NOT EST.	NOT EST.	107-21-1
ACRYLIC POLYMER EMULSION	IRRITANT	NOT EST 1.	NOT EST 2.	NOT EST.	TRADE SECRET
\$ CEILING LIMIT FOR AEROSOLS					

Section IIa - Non-Hazardous Ingredients

(NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE)

Secret Registry #: 409363 - 5113P

Section III - Physical Data

Boiling Point (°F): 220	Specific Gravity (H ₂ O=1): 1.03
Vapor Pressure (mm Hg): 18	Color: WHITE
Vapor Density (Air=1): 0.6	Odor: AMMONIA
pH @ 100% : 9.5-9.8	Clarity: OPAQUE
% Volatile by Volume: 86-87	Evaporation Rate (BuAc=1): 0.10
H ₂ O Solubility: COMPLETE	Viscosity: NON-VISCOUS

Section IV - Fire and Explosion Hazard

Flash Point: > 200°F.
Flammable Limits: N/A
LEL: N/A

Method Used: SETAFLASH
UEL: N/A
Aerosol Level (NFPA 30B): N/A

Extinguishing Media:

[✓] Foam	[✓] Alcohol Foam	[✓] CO2
[✓] Dry Chemical	[✓] Water Spray	[✓] Other

NFPA 704 Hazard Rating:

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

MATERIAL SAFETY DATA SHEET: TACKLE

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT BURSTING.

Unusual Fire and Explosion Hazards:

USE CARE AS SPILLED MATERIAL MAY BE SLIPPERY. DRIED FILMS MAY GENERATE ACRID SMOKE WHEN BURNED.

Section V - Health and Hazard Data

Threshold Limit Value:

100 MG/M3 AS CEILING LIMIT FOR AEROSOLIZED ETHYLENE GLYCOL 1.

Effects of Overexposure:

Acute: (Short Term Exposure)

EYE CONTACT: CAUSES IRRITATION SEEN AS REDNESS, STINGING AND TEARING. SKIN: MAY CAUSE IRRITATION SEEN AS ITCHING OR REDNESS. IN RARE CASES, MAY CAUSE ALLERGIC SKIN REACTION. INHALATION: MIST MAY IRRITATE THE NOSE AND THROAT CAUSING SNEEZING AND COUGHING. HIGH VAPOR CONCENTRATIONS IN THE UNLIKELY EVENT THAT THE PRODUCT IS HEATED MAY CAUSE HEADACHE, NAUSEA, VOMITING, IRREGULAR EYE MOVEMENTS AND DIZZINESS. INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA. INGESTION OF EXTREMELY LARGE AMOUNTS MAY CAUSE DIZZINESS, DROWSINESS, BLURRED VISION, IRRITABILITY, BACK PAIN, DEPRESSION OF THE CENTRAL NERVOUS SYSTEM, GIDDINESS, IRREGULAR EYE MOVEMENTS, CONVULSION, COMA, CARDIAC FAILURE, PULMONARY EDEMA, AS WELL AS KIDNEY AND LIVER DAMAGE. DEATH IS POSSIBLE IN EXTREME CASES.

Chronic: (Long Term Exposure)

MAY CAUSE SKIN SENSITIZATION IN SOME INDIVIDUALS. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS AS WELL AS PRE-EXISTING HEPATIC AND RENAL DISEASES.

Primary Routes of Entry

Inhalation Ingestion Absorption

Emergency First Aid Procedures:

Inhalation:

REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

Eye Contact:

RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

Skin Contact:

WASH AFFECTED AREAS WITH LARGE AMOUNTS OF SOAP AND WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. WASH CLOTHING AND CLEAN SHOES BEFORE REUSE.

Ingestion:

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

Notes to Physician:

PERSONS INGESTING LARGE AMOUNTS OF ETHYLENE GLYCOL MAY EXPERIENCE DELAYED KIDNEY FAILURE. IN CASES OF INTENTIONAL INGESTION, KIDNEY FUNCTION SHOULD BE MONITORED TO DETERMINE THE NEED FOR DIALYSIS.

Section VI - Toxicity Information

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC NTP OSHA ACGIH Other

ETHYLENE GLYCOL

ORL-RAT LD50: 4700 MG/KG 3.

ORL-HMN LDLo: 15 G/KG RENAL FUNCTION IMPAIRMENT, PERIPHERAL NERVE EFFECTS 3.

SKN-RBT (OPEN): 555 MG MILD 3.

EYE-RBT SDT: 500 MG/24H MILD 3.

IHL-RAT LC: > 200 MG/M3/4H 3.

IHL-HMN TCLo: 10,000 MG/M3 LACRIMATION 3.

ORL-RAT TDLo: 438 G/KG/2Y-C ACUTE RENAL FAILURE 3.

IHL-RAT TCLo: 1 MG/M3/32W-I ACUTE RENAL FAILURE 3.

ACRYLIC POLYMER EMULSION

MATERIAL SAFETY DATA SHEET: TACKLE

ORL-RAT LD50: > 5000 MG/KG 4.
SKN-RBT LD50 > 5000 MG/KG 4.
SKN-RBT SDT: PRACTICALLY NON-IRRITATING 4.
EYE-RBT SDT: INCONSEQUENTIALLY IRRITATING 4.

Section VII - Reactivity Data

Stability

Stable Unstable

Conditions to Avoid:

TEMPERATURES ABOVE 350°F. WILL CAUSE POLYMERIC DECOMPOSITION.

Hazardous Polymerization

Will not occur May occur

Conditions to Avoid:

N/A

Incompatibility (Materials to Avoid):

STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE; STRONG ACIDS AND BASES. (REACTION WITH ACIDS CAN CAUSE THE FORMATION OF SMALL AMOUNTS OF FORMALDEHYDE (ACGIH TLV: 10 PPM 1., OSHA PEL: 10 PPM 2.))

Hazardous Decomposition Products:

OXIDES OF CARBON, ACRID SMOKE AND ACRYLIC MONOMERS.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:

DIKE AND CONTAIN SPILL. ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL.

Waste Disposal Method(s):

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

Neutralizing Agent:

N/A

Section IX - Special Protection Information

Required Ventilation:

GENERAL VENTILATION IS NORMALLY ADEQUATE.

Respiratory Protection:

NONE REQUIRED UNDER NORMAL CONDITIONS OF USE. A NIOSH/MSHA APPROVED RESPIRATOR IN POORLY VENTILATED AREAS AND/OR FOR EXPOSURE ABOVE THE ACGIH TLV OR OSHA PEL OR WHERE MISTING EXISTS.

Glove Protection:

NEOPRENE OR NITRILE RUBBER GLOVES SHOULD BE WORN.

Eye Protection:

SAFETY GLASSES WITH SIDE SHIELDS IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:

WORK PROTECTIVE CLOTHING AS NEEDED TO PREVENT SKIN CONTACT.

Section X - Storage and Handling Information

Storage Temperature

Max: 120°F. Min: 35°F.

Storage Conditions

Indoors Outdoors Heated Refrigerated

Precautions to be Taken in Handling and Storing:

ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP FROM FREEZING. IF PRODUCT FREEZES ALLOW IT TO SLOWLY WARM TO ROOM TEMPERATURE AND STIR THOROUGHLY BEFORE USING.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ ENTIRE LABEL BEFORE USING PRODUCT. FOLLOW LABEL DIRECTIONS.

Section XI - Regulatory Information

Chemical Name

CAS Number

Upper % Limit

MATERIAL SAFETY DATA SHEET: TACKLE

ETHYLENE GLYCOL

107-21-1

5

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, 1999.
 2. OSHA PEL.
 3. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFODisc, 2000.
 4. VENDOR'S MSDS.
- ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

IRR:IRRITANT, FLAM/FLAMM:FLAMMABLE, COMB:COMBUSTIBLE, CORR:CORROSIVE
CARC:CARCINOGENIC, TOX:TOXIC, N/A:NOT APPLICABLE, N/E:NOT ESTABLISHED,
COC:CLEVELAND OPEN CUP, PMCC:PENSKY-MARTIN CLOSED CUP, TCC:TAGLIABUE
CLOSED CUP, LEL:LOWER EXPLOSION LIMIT, UEL:UPPER EXPLOSION LIMIT,
NFPA:NATIONAL FIRE PROTECTION ASSOCIATION, IARC:INTERNATIONAL AGENCY FOR
THE RESEARCH ON CANCER, NTP:NATIONAL TOXICOLOGY PROGRAM,
OSHA:OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH:AMERICAN
CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV:THRESHOLD LIMIT
VALUE, PEL:PERMISSIBLE EXPOSURE LIMIT, STEL:SHORT-TERM EXPOSURE LIMIT,
MLD:MILD, MOD:MODERATE, SEV:SEVERE, MUT:MUTAGENIC, ASPHYX:ASPHYXIAN,
PNOC: PARTICULATES NOT OTHERWISE CLASSIFIED, SDT:STANDARD DRAIZE TEST, ORL:
ORAL, HMN: HUMAN, IHL: INHALATION

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