

MATERIAL SAFETY DATA SHEET: M/M BODYGUARD COMPLETE WHIP-IT WIPES (729) 1

(000000-000000- -4118)

DATE OF ISSUE
1/24/2001

SUPERSEDES
N/A

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms

Trade Name & Synonyms

M/M BODYGUARD COMPLETE WHIP-IT WIPES(72)

Chemical Family:
d-LIMONENE/PETROLEUM DISTILLATE BLEND

Formula Mixture --> X

Manufacturer's Name:
MANTEK, DIVISION OF NCH CORP.

Address:
BOX 152170
IRVING, TEXAS 75015

Prepared By:
R STOLLEY/CHEMIST

Product Code Number
4118

Emergency Phone Number
800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)

ISOPARAFFINIC SOLVENT
d-LIMONENE
ALKYLOXYPOLYETHOXYETHANOL
SODIUM LAURYL SULFATE

Hazard

IRRITANT
IRR/SENS
IRRITANT
IRRITANT

TLV

5 MG/M3\$ 1
NOT EST. 1
NOT EST. 1
NOT EST. 1

PEL

5 MG/M3\$ 2
NOT EST. 2
NOT EST. 2
NOT EST. 2

STEL

NOT EST.
NOT EST.
NOT EST.
NOT EST.

CAS #

68551-17-7
5989-27-5
64133-50-6
151-21-3

SECTION IIa - NON-HAZARDOUS INGREDIENTS

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

Secret Registry #: 509363-60171

SECTION III - PHYSICAL DATA

Boiling Point (F):

212**

Specific Gravity (H2O=1):

0.97

Pressure (MM HG):

18

Color:

WHITE

Vapor Density (Air=1):

0.6

Odor:

CITRUS

PH @ 100% :

7-8

Clarity:

OPAQUE

% Volatile by Volume:

N/E

Evaporation Rate (BU A/C-1):

0.1

H2O Solubility:

COMPLETE

Viscosity:

TOWEL

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point

> 212 F. / TOC

Flammable Limits

d-LIMONENE

LEL

0.7%

UEL

6.1%

Extinguishing Media

X --Foam X --Alcohol Foam X --CO2 X --Dry Chemical --Water Spray --Other

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.

Unusual Fire and Explosion Hazards:

SPRAY PLASTIC OVERWRAP WITH WATER TO PREVENT IT FROM BURNING AND PRODUCING POTENTIALLY TOXIC FUMES.

Aerosol Level (NFPA 30B):

N/A

NFPA 704 Hazard Rating (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

1 --Health 1 --Flammability 0 --Instability --Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:

5 MG/M3 AS OIL MIST 1.

Effects of Overexposure:

-Acute (Short Term Exposure)

EYE CONTACT: CAUSES IRRITATION SEEN AS REDNESS, STINGING AND TEARING. SKIN CONTACT: NORMALLY NOT A HAZARD. PROLONGED OR REPEATED CONTACT MAY CAUSE REDNESS AND ITCHING. MAY CAUSE AN ALLERGIC REACTION TO THOSE INDIVIDUALS ALLERGIC TO d-LIMONENE (ORANGE OIL). INHALATION: NORMALLY NOT A HAZARD. ALLERGIC TO d-LIMONENE CAN EXPERIENCE AN ALLERGIC RESPIRATORY ACTION. HOWEVER, GIVEN THE USE PATTERN OF THE PRODUCT, THIS EFFECT IS UNLIKELY. INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARR- HEA.

-Chronic (Long Term Exposure)

MAY CAUSE SKIN AND RESPIRATORY SENSITIZATION TO THOSE INDIVIDUALS ALLERGIC TO d-LIMONENE (ORANGE OIL). MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING SKIN CONDITIONS SUCH AS DERMATITIS. TARGET ORGANS: BLOOD-FORMING ORGANS.

Primary Routes of Entry:

X --Inhalation --Ingestion X --Absorption

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SECTION V - HEALTH HAZARD DATA (Continued)

Emergency and First Aid Procedures:

-Inhalation:
NORMALLY, NOT A HAZARD. SHOULD AN ALLERGIC REACTION OCCUR, REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION 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:
NORMALLY, NOT A HAZARD. SHOULD AN ALLERGIC REACTION OCCUR, DISCONTINUE USE AND CONSULT A PHYSICIAN.

-Ingestion:
DRINK 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:
THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:
ARC--> No NTP--> No OSHA--> No ACGIH--> No OTHER--> No

* THE PHYSICAL CHARACTERISTICS ARE THOSE OF THE LIQUID PRIOR TO IT BEING IMPREGNATED ONTO THE TOWEL.
SOPARAFFINIC SOLVENT

NO TOXICOLOGICAL DATA ARE FOUND. DATA BELOW IS ON A SIMILAR COMPOUND.
RL-RAT LD50: > 5 G/KG 3.
KN-RBT LD50: > 2 G/KG 3.

■ LIMONENE

RL-RAT LD50: 4400 MG/KG 3.
KIN-RBT LD50: > 5 G/KG 3.
JL-RAT TCLo: 11550 MG/KG/7D-I RENAL FAILURE 3.

■ POLYLOXYPOLYETHOXYETHANOL

NO TOXICOLOGICAL DATA ARE FOUND. DATA BELOW IS ON A SIMILAR COMPOUND.
YE-RBT SDT: 100 UL/24 MODERATE 3.
KN-RBT SDT: 500 UL/24 MODERATE 3.

HL-RAT LD50: 1260 MG/KG 3.

■ SODIUM LAURYL SULFATE

KN-HMN SDT: 25 MG/24H MILD 3.
YE-RBT SDT: 100 MG/24H MODERATE 3.
KN-RBT SDT: 50 MG/24H MILD 3.

HL-RAT LD50: 1288 MG/KG 3.

HL-RAT LC50: > 3900 MG/M3/3H 3.

SECTION VII - REACTIVITY DATA

Stability: X <--Stable <--Unstable
Conditions to Avoid:
N/A

Incompatibility (Materials to Avoid):
STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE; STRONG ACIDS.

Hazardous Decomposition Products:
OXIDES OF CARBON AND POTENTIALLY TOXIC FUMES FROM THE THERMAL DEGRADATION OF PLASTIC.

Hazardous Polymerization: <--May Occur X <--Will Not Occur
Conditions to Avoid:
N/A

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:
PRODUCT IS A MOISTENED TOWEL IN A PLASTIC OVERWRAP. PICK UP FOR REUSE.

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.

Glove Protection:
N/A

Eye Protection:
N/A

Other Protection:
N/A

SECTION IX - SPECIAL PROTECTION INFORMATION (Continued)

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors--> Outdoors--> Heated--> Refrigerated-->
Minimum Temperature: 35 F. Maximum Temperature: 120 F.

Precautions to be Taken in Handling and Storing:
WIPES SHOULD BE STORED IN PLASTIC OVERWRAP TO PREVENT THE TOWEL FROM DRYING OUT.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

SECTION XI - REGULATORY INFORMATION

Chemical Name	CAS Number	Upper Limit
None		

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 1-800-577-9919 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.

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: PENSKEY-MARTIN CLOSED CUP, TCC: TAGLIAHUE
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: ASPHYXLANT, PNOC: PARTICULATES NOT OTHERWISE CLASSI-
FIED, SDT: STANDARD DRAIZE TEST, ORL: ORAL, HMN: HUMAN, IHL: INHALATION

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in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage, or disposal of the
product.

