

MATERIAL SAFETY DATA SHEET

2.COMPOSITION, INFORMATION ON INGREDIENTS

INCI Name CAS No Content(%) Water 7732-18-5 69.36% Alcohol 64-17-5 10% Propylene Carbonate 108-32-7 5% Tripeptide-1 - 2% Butylene Glycol 107-88-0 1.5% Caprylyl Glycol 1117-86-8 1.5% 1,2-Hexanediol 6920-22-5 1.5% keratin 68238-35-7 1.5% Acrylates/Octylacrylamide Copolymer - 1% Dipropylene Glycol 110-98-5 0.3% Glycine 56-40-6 0.3% Serine 56-45-1 0.3% Glutamic Acid 56-86-0 0.3% Aspartic Acid 56-84-8 0.3% Leucine 328-39-2 0.3% Alanine 56-41-7 0.3% Lysine 56-87-1 0.3% Arginine 74-79-3 0.3% Tyrosine 60-18-4 0.3% Phenylalanine 63-91-2 0.3% Threonine 72-19-5 0.3% Proline 147-85-3 0.3% Valine 516-06-3 0.3% Isoleucine 443-79-8 0.3% Histidine 4998-57-6 0.3% Methionine 63-68-3 0.3% Cysteine 52-90-4 0.3% Glycerin 56-81-5 0.1% Lonicera Japonica (Honeysuckle) Flower Extract - 0.1% Ocimum Basilicum (Basil) Extract - 0.1% Citrus Paradisi (Grapefruit) Fruit Extract 90045-43-5 0.1% Usnea Barbata (Lichen) Extract 84696-53-7 0.1% Citric Acid 77-92-9 0.03% Biotin 58-85-5 0.01%

3.HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

PHYSICAL STATE : COMPARING SAMPLES

ODOR : COMPARING SAMPLES

MAJOR HEALTH HAZARDS : NO SIGNIFICANT TARGET EFFECTS REPORTED.

POTENTIAL HEALTH EFFECTS :

INHALATION :

SHORT TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

LONG TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS SKIN

CONTACT :

SHORT TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

LONG TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS EYE

CONTACT :

SHORT TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

LONG TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

INGESTION :

SHORT TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

LONG TERM EXPOSURE : NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS

4. FIRST AID MEASURES

INGESTION : OBTAIN MEDICAL ATTENTION

INHALATION : REMOVE FROM EXPOSURE TO FRESH AIR IF SYMPTOMATIC. EYE CONTACT :

IMMEDIATELY IRRIGATE THOROUGHLY WITH WATER FOR GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

5.FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : REGULAR DRY CHEMICAL, CARBON DIOXIDE, WATER, REGULAR FOAM.

LARGE FIRES : USE REGULAR FOAM OR FLOOD WITH FINE WATER SPRAY.

EXTINGUISHER METHODS : FOAM, CARBON DIOXIDE, DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES : WHEN INVOLVED IN A FIRE, THIS PRODUCT MAY IGNITE READILY AND DECOMPOSE TO PRODUCE CARBON OXIDE. PRESSURE BUILDUP MAY OCCUR DUE TO HEAT EXPOSURE OF CLOSED CONTAINERS. WATER MAY BE USED TO COOL CLOSED CONTAINERS. WEAR SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS : VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND TO A SOURCE OF IGNITION. PREVENT BUILD-UP OF EXPLOSIVE GASES TO EXPLOSIVE CONCENTRATIONS.

6.ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL RELEASE :

AVOID HEAT, FLAMES, SPARKS AND OTHER SOURCES OF IGNITION. STOP LEAK IF POSSIBLE WITHOUT PERSONAL RISK. REDUCE VAPORS WITH WATER SPRAY. SMALL SPILLS : ABSORB WITH SAND OR OTHER NON-COMBUSTIBLE MATERIAL. COLLECT SPILLED MATERIAL IN APPROPRIATE CONTAINER FOR DISPOSAL. LARGE SPILLS : DIKE FOR LATER DISPOSAL. REMOVE SOURCES OF IGNITION. KEEP UNNECESSARY PEOPLE AWAY, ISOLATE HAZARD AREA AND DENY ENTRY.

7.HANDLING AND STORAGE

STORE AND HANDLE IN ACCORDANCE WITH ALL CURRENT REGULATIONS AND STANDARDS. PROTECTION AGAINST FIRE AND EXPLOSION

GROUNDING AND BONDING REQUIRED. KEEP SEPARATED FROM INCOMPATIBLE SUBSTANCES. KEEP AWAY FROM HEAT. PROTECT FROM DIRECT SUNLIGHT. STORAGE TEMP. MAX.30°C

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION : PROVIDE LOCAL EXHAUST VENTILATION SYSTEM. VENTILATION EQUIPMENT SHOULD BE EXPLOSION-RESISTANT IF EXPLOSIVE CONCENTRATIONS OF MATERIAL ARE PRESENT, ENSURE COMPLIANCE WITH APPLICABLE EXPOSURE LIMITS. EYE PROTECTION : WEAR SPLASH RESISTANT SAFETY GOGGLES. PROVIDE AN EMERGENCY EYE WASH FOUNTAIN AND QUICK DRENCH SHOWER IN THE IMMEDIATE WORK AREA.

CLOTHING : WEAR APPROPRIATE CHEMICAL RESISTANT CLOTHING.

GLOVES : WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES.

RESPIRATOR : UNDER CONDITIONS OF FREQUENT USE OR HEAVY EXPOSURE, RESPIRATORY PROTECTION MAY BE NEEDED. RESPIRATORY PROTECTION IS RANKED IN ORDER FROM MINIMUM TO MAXIMUM. CONSIDER WARNING PROPERTIES BEFORE USE. ANY CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE(S).

ANY CHEMICAL CARTRIDGE RESPIRATOR WITH A FULL FACEPIECE AND ORGANIC VAPOR CARTRIDGE(S).

ANY AIR-PURIFYING RESPIRATOR WITH A FULL FACEPIECE AND AN ORGANIC VAPOR CANISTER. FOR UNKNOWN CONCENTRATIONS OR IMMEDIATELY DANGEROUS TO LIFE OR HEALTH ANY SUPPLIED AIR RESPIRATOR WITH FULL FACEPIECE AND OPERATED IN A PRESSURE DEMAND OR OTHER POSITIVE-PRESSURE MODE IN COMBINATION WITH A SEPARATE ESCAPE SUPPLY. ANY SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : COMPARING SAMPLES

APPEARANCE : COMPARING SAMPLES

ODOR : COMPARING SAMPLES

FREEZING POINT : NOT AVAILABLE

FLASH POINT : NOT AVAILABLE

SPECIFIC GRAVITY : 0.98 - 1.02 (25°C)

WATER SOLUBILITY : NOT AVAILABLE

PH : 3.0 - 9.0

VOLATILITY : NOT AVAILABLE

ODOR THRESHOLD : NOT AVAILABLE

COEFFICIENT OF WATER/OIL DISTRIBUTION : NOT AVAILABLE

10. STABILITY AND REACTIVITY

REACTIVITY : POLYMERIZES WITH EVOLUTION OF HEAT. AVOID CONTACT WITH AIR, LIGHT, WATER OR STORAGE AND USE ABOVE ROOM TEMPERATURE. CONDITIONS TO AVOID : AVOID HEAT, FLAMES, SPARKS AND OTHER SOURCES OF IGNITION. CONTAINERS MAY RUPTURE OR EXPLODE IF EXPOSED TO HEAT. KEEP OUT OF WATER SUPPLIES AND SEWERS.

INCOMPATIBILITIES : OXIDIZING MATERIALS

OXIDIZERS (STRONG) : FIRE AND EXPLOSION HAZARD

HAZARDOUS DECOMPOSITION :

THERMAL DECOMPOSITION PRODUCTS : OXIDES OF CARBON POLYMERIZATION:

POLYMERIZES WITH EVOLUTION OF HEAT. AVOID CONTACT WITH HEAT, AIR, LIGHT OR MOISTURE AND MONITOR INHIBITOR CONTENT. **11. TOXICOLOGICAL INFORMATION**

INHALATION :

ACUTE EXPOSURE : MAY CAUSE IRRITATION.

CHRONIC EXPOSURE : NO DATA AVAILABLE.

SKIN CONTACT :

ACUTE EXPOSURE : MAY CAUSE IRRITATION.

CHRONIC EXPOSURE : NO DATA AVAILABLE.

EYE CONTACT :

ACUTE EXPOSURE : MAY CAUSE IRRITATION.

CHRONIC EXPOSURE : NO DATA AVAILABLE.

INGESTION :

ACUTE EXPOSURE : NO DATA AVAILABLE.

12. ECOLOGICAL INFORMATION

DEGREE OF ELIMINATION : 20 - 70%

13. DISPOSAL CONSIDERATIONS

DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS HAZARDOUS UNDER TRANSPORT REGULATIONS.

15. REGULATORY INFORMATION

Labeling according E.E.C. directives :

Not submitted to labeling

16. OTHER INFORMATION

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