PART I  What is the material and what do I need to know in an emergency?

1. PRODUCT IDENTIFICATION
   NAME: NEOPENTANE

2. COMPOSITION/INFORMATION ON INGREDIENTS
   CAS#: 463-82-1
   SYNONYMS
   2,2-DIMETHYLPROPANE

SECTION 3. HAZARDS IDENTIFICATION
   LABEL PRECAUTIONARY STATEMENTS
   DANGER: EXTREMELY FLAMMABLE LIQUID AND GAS.
   MAY FORM EXPLOSIVE MIXTURES WITH AIR.
   VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASH BACK.

SECTION 4. HEALTH HAZARDS IDENTIFICATION
   ACUTE EFFECTS
   MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. MAY CAUSE EYE AND SKIN
   IRRITATION FROM OVEREXPOSURE. ANESTHETIC EFFECT RESULTING IN DROWSINESS, DIZZINESS AND
   HEADACHE.

PART II  What should I do if a hazardous situation occurs?

SECTION 5. FIRST-AID MEASURES
   IN CASE OF CONTACT IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT
   LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. IF INHALED, REMOVE TO
   FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF
   BREATHING IS DIFFICULT, GIVE OXYGEN. REMOVE CONTAMINATED CLOTHING PROMPTLY, AND WASH
   THOROUGHLY BEFORE REUSE. SEE A PHYSICIAN IF THERE IS PAIN OR IRRITATION.

SECTION 6. FIRE AND EXPLOSION MEASURES
   EXTINGUISHING MEDIA
   CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM.
   SPECIAL FIRE FIGHTING PROCEDURES
   WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT
   WITH SKIN AND EYES. STOP THE FLOW OF LIQUID OR GAS (IF IT CAN BE ACCOMPLISHED SAFELY). USE
   WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS. KEEP AWAY FROM HEAT, SPARKS AND OPEN
   FLAME.
   UNUSUAL FIRE AND EXPLOSION HAZARDS
   EXTREMELY FLAMMABLE- CONTAINER EXPLOSION MAY OCCUR UNDER FIRE CONDITIONS.

PART IV  Is there any other useful information about this material?

SECTION 7. STABILITY AND REACTIVITY
   INCOMPATIBILITIES
   STRONG OXIDIZING AGENTS.
   HAZARDOUS DECOMPOSITION OR BY PRODUCTS.
   CARBON OXIDES MAY RESULT FROM THERMAL OXIDATIVE DEGRADATION.
SECTION 8. ---------ACCIDENTAL RELEASE MEASURES---------
STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED.
EVACUATE AREA.
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
SHUT OFF ALL SOURCES OF IGNITION.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.
COVER WITH DRY LIME, SAND OR SODA ASH.
PLACE IN COVERED CONTAINERS USING NON-SPARKING TOOLS AND TRANSPORT OUTDOORS.

SECTION 9. ---------DISPOSAL CONSIDERATIONS---------
WASTE DISPOSAL METHOD
BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER BUT EXPERT
EXTRA CARE IN IGNITING AS THIS MATERIAL IS HIGHLY FLAMMABLE.

PART III  How can I prevent hazardous situations from occurring?

SECTION 10. ---------HANDLING AND STORAGE----------
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE.
MECHANICAL EXHAUST REQUIRED. SAFETY SHOWER AND EYE BATH. KEEP AWAY FROM IGNITION
SOURCES.
WEAR APPROPRIATE OSHA/MSHA APPROVED RESPIRATOR, CHEMICAL RESISTANT GLOVES, SAFETY
GOGGLES, OTHER PROTECTIVE CLOTHING.
KEEP CONTAINERS TIGHTLY CLOSED.
DO NOT BREATHE VAPOR.
USE NON-SPARKING TOOLS.
EXREMELY FLAMMABLE!

SECTION 11. ---------PHYSICAL AND CHEMICAL PROPERTIES---------
BOILING POINT: 10 C
FLASH POINT: -77 F G
MELTING POINT: -17 C
SPECIFIC GRAVITY: 0.5910
REFRACTIVE INDEX: 1.342
THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE
AND SHALL BE USED ONLY AS A GUIDE.