

**PERCHLORIC ACID**

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MATERIAL SAFETY DATA SHEET No.P148 DSK VERSION 2 11.2.08

**SECTION 1. CHEMICAL IDENTIFICATION**

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PRODUCT No. P1482 PERCHLORIC ACID 60% CP  
PRODUCT No. P1504 PERCHLORIC ACID 70% AR

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

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CAS No. 7601-90-3

**SECTION 3. HAZARDS IDENTIFICATION**

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HEATING MAY CAUSE AN EXPLOSION.  
CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE.  
CAUSES SEVERE BURNS.

**SECTION 4. FIRST-AID MEASURES**

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IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. ASSURE ADEQUATE FLUSHING OF THE EYES BY SEPARATING THE EYELIDS WITH FINGERS.  
FLUSH SKIN WITH WATER. GET IMMEDIATE MEDICAL ATTENTION.  
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK IMMEDIATE MEDICAL ATTENTION.  
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.  
REMOVE AND WASH CONTAMINATED CLOTHING PROMPTLY.

**SECTION 5. FIRE FIGHTING MEASURES**

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EXTINGUISHING MEDIA  
CHEMICAL POWDER, WATER OR APPROPRIATE FOAM.  
SPECIAL FIREFIGHTING PROCEDURES  
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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EVACUATE AREA. SHUT OFF ALL SOURCES OF IGNITION.  
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.  
COVER WITH AN ACTIVATED CARBON ADSORBENT, TAKE UP AND PLACE IN CLOSED CONTAINERS. TRANSPORT OUTDOORS.  
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

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**SECTION 7. HANDLING AND STORAGE**

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KEEP TIGHTLY CLOSED.  
STORE IN A COOL DRY PLACE.

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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CHEMICAL SAFETY GOGGLES. MECHANICAL EXHAUST REQUIRED.  
SAFETY SHOWER AND EYE BATH. COMPATIBLE CHEMICAL-RESISTANT GLOVES.  
NIOSH/MSHA-APPROVED RESPIRATOR. FACESHIELD (8-INCH MINIMUM).  
DO NOT BREATHE VAPOR. DO NOT GET IN EYES, ON SKIN, ON CLOTHING.  
AVOID PROLONGED OR REPEATED EXPOSURE.  
WASH THOROUGHLY AFTER HANDLING. CAUSES SEVERE BURNS.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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APPEARANCE AND ODOR  
COLORLESS LIQUID

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**SECTION 10. STABILITY AND REACTIVITY**

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PRODUCT IS A VERY STRONG OXIDISING AGENT.  
INCOMPATIBILITIES  
FLAMMABLE SUBSTANCES.  
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
NOT KNOWN

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**SECTION 11. TOXICOLOGICAL INFORMATION**

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ACUTE EFFECTS  
LD50 ORAL RAT 1100MG/KG  
CAUSES VERY SEVERE BURNS.

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**SECTION 12. ECOLOGICAL INFORMATION**

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DATA NOT YET AVAILABLE.

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**SECTION 13. DISPOSAL CONSIDERATIONS**

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USE AN AUTHORISED WASTE CONTRACTOR.  
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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**SECTION 14. TRANSPORT INFORMATION**

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UN1873 CLASS 5.1(8) PACKING GROUP I

**SECTION 15.****REGULATORY INFORMATION**

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OXIDISING AND CORROSIVE SYMBOLS EC LABEL 231-512-4

R5: HEATING MAY CAUSE AN EXPLOSION.

R8: CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE.

R35: CAUSES SEVERE BURNS.

S23: DO NOT BREATHE FUMES/ VAPOUR.

S26: IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

S36: WEAR SUITABLE PROTECTIVE CLOTHING.

S45: IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).

**SECTION 16.****OTHER INFORMATION**

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THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. SURECHEM PRODUCTS SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE CATALOGUE FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.

DSK VERSION 2 NGT 29.01.09 REPLACES CHIP VERSION 1 DATED 16.8.94

CHECKED TO ASL EIGHTH EDN

BASED ON BTJ

REFORMATTED.