# SAFETY DATA SHEET

# EXTRACTA PRO

## APPLIED PRODUCTS AUSTRALIA PTY LTD

Catalogue number: **AP457**
Version No: **1.5**
Issue date: **17/01/2017**
Safety Data Sheet according to WHS and ADG requirements

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier

| | |
|---|---|
| **Product name** | EXTRACTA PRO |
| **Synonyms** | AP457 |
| **Proper shipping name** | CORROSIVE SOLID, N.O.S. |
| **Other means of identification** | Not Available |

### Relevant identified uses of the substance or mixture and uses advised against

| | |
|---|---|
| **Relevant identified uses** | Extraction powder for carpet cleaning |

### Details of the manufacturer/importer

| | |
|---|---|
| **Registered company name** | APPLIED PRODUCTS AUSTRALIA PTY LTD |
| **Address** | 11 Gamma Close, Beresfield 2322 NSW Australia |
| **Telephone** | (02) 4966 5516 |
| **Fax** | (02) 4966 5510 |
| **Website** | www.actichem.com.au |
| **Email** | info@actichem.com.au |

### Emergency telephone number

| | |
|---|---|
| **Association / Organisation** | Poisons Information Centre |
| **Emergency telephone numbers** | 13 1126 |
| **Other emergency telephone numbers** | Not Available |

## SECTION 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture

HAZARDOUS CHEMICAL. DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

| | |
|---|---|
| **Poisons Schedule** | 5 |
| **GHS Classification [1]** | Serious Eye Damage Category 1, Skin Corrosion/Irritation Category 1B, STOT - SE (Resp. Irr.) Category 3, Metal Corrosion Category 1 |
| ***Legend:*** | *1. Classified by Chemwatch; 2. Classification drawn from HSIS; 3. Classification drawn from EC Directive 1272/2008 - Annex VI* |

### Label elements

| | |
|---|---|
| **GHS label elements** |  |
| **SIGNAL WORD** | **DANGER** |

### Hazard statement(s)

| | |
|---|---|
| **H318** | Causes serious eye damage |
| **H314** | Causes severe skin burns and eye damage |
| **H335** | May cause respiratory irritation |
| **H290** | May be corrosive to metals |

### Precautionary statement(s) Prevention

| | |
|---|---|
| **P260** | Do not breathe dust or spray. |
| **P271** | Use only outdoors or in a well-ventilated area. |
| **P280** | Wear protective gloves and eye protection. |
| **P264** | Wash hands and exposed skin thoroughly after handling. |
| **P234** | Keep only in original container. |
| **P273** | Avoid release to the environment. |

### Precautionary statement(s) Response

| | |
|---|---|
| **P301+P310+P330+P331** | IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. |
| **P303+P310+P361+P353** | IF ON SKIN (or hair): Immediately call a POISON CENTER or doctor. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Rinse skin with water / shower. |
| **P305+P310+P351+P338** | IF IN EYES: Immediately call a POISON CENTER or doctor. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| **P304+P340** | IF INHALED: Remove person to fresh air and keep in a position comfortable for breathing. |
| **P390** | Absorb spillage to prevent material damage. |

### Precautionary statement(s) Storage

| | |
|---|---|
| **P403+P405+P233** | Store locked up in a well ventilated place. Keep container tightly closed |

### Precautionary statement(s) Disposal

| | |
|---|---|
| **P501** | Dispose of contents / container in accordance with local regulations |

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

### Substances

See section below for composition of Mixtures

### Mixtures

| CAS No | %[weight] | Name |
|---|---|---|
| 7758-29-4 | 30-60 | sodium tripolyphosphate |
| 36445-71-3 | <10 | disodium decyl(sulfophenoxy)benzenesulfonate |
| 70146-13-3 | <10 | disodium oxybis(decylbenzene)sulfonate |
| 111-76-2 | <10 | ethylene glycol monobutyl ether |
| 5064-31-3 | <10 | nitrilotriacetic acid, trisodium salt |
| 497-19-8 | 10-<30 | sodium carbonate |
| 10213-79-3 | 10-<30 | sodium metasilicate, pentahydrate |

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4 FIRST AID MEASURES

### Description of first aid measures

| | |
|---|---|
| **Eye Contact** | If this product comes in contact with the eyes:<br>Obtain medical advice /attention without delay.<br>Immediately hold eyelids apart and flush the eye continuously with running water.<br>Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.<br>Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.<br>If advised to do so, transport to hospital or doctor without delay.<br>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. |
| **Skin Contact** | If skin or hair contact occurs:<br>Obtain medical advice.<br>Immediately flush body and clothes with large amounts of water, using safety shower if available.<br>Quickly remove all contaminated clothing, including footwear.<br>Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre.<br>If advised to do so, transport to hospital, or doctor. |
| **Inhalation** | If dust or combustion products are inhaled remove from contaminated area.<br>Lay patient down. Keep warm and rested.<br>Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.<br>Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.<br>Transport to hospital, or doctor, without delay.<br>Inhalation of dust may cause lung oedema.<br>Corrosive substances may cause lung damage (e.g. lung oedema, fluid in the lungs).<br>As this reaction may be delayed up to 24 hours after exposure, affected individuals need complete rest (preferably in semi-recumbent posture) and must be kept under medical observation even if no symptoms are (yet) manifested. |
| **Ingestion** | For advice, contact a Poisons Information Centre or a doctor at once.<br>Urgent hospital treatment is likely to be needed.<br>If swallowed do **NOT** induce vomiting.<br>If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.<br>Observe the patient carefully.<br>Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.<br>Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.<br>Transport to hospital or doctor without delay. |

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5 FIREFIGHTING MEASURES

### Extinguishing media

| | |
|---|---|
| **Extinguishing media** | Water spray or fog.<br>Foam.<br>Dry chemical powder.<br>BCF (where regulations permit).<br>Carbon dioxide |

### Special hazards arising from the substrate or mixture

| | |
|---|---|
| **Fire incompatibilities** | Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleach, pool chlorine, etc. as ignition may result |

### Advice for firefighters

| | |
|---|---|
| **Fire Fighting** | Alert Fire Brigade and tell them location and nature of hazard.<br>Wear full body protective clothing with breathing apparatus.<br>Prevent, by any means available, spillage from entering drains or water course.<br>Use firefighting procedures suitable for surrounding area.<br>**Do not** approach containers suspected to be hot.<br>Cool fire exposed containers with water spray from a protected location.<br>If safe to do so, remove containers from path of fire.<br>Equipment should be thoroughly decontaminated after use. |
| **Fire/Explosion Hazard** | Combustible solid which burns but propagates flame with difficulty; it is estimated that most organic dusts are combustible (circa 70%) - according to the circumstances under which the combustion process occurs, such materials may cause fires and / or dust explosions. |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

| | |
|---|---|
| **Minor Spills** | Environmental hazard - contain spillage.<br>Clean up waste regularly and abnormal spills immediately.<br>Avoid breathing dust and contact with skin and eyes.<br>Wear protective clothing, gloves, safety glasses and dust respirator.<br>Use dry clean up procedures and avoid generating dust.<br>Vacuum up or sweep up. **NOTE:** Vacuum cleaner must be fitted with an exhaust micro filter (HEPA type) (consider explosion-proof machines designed to be grounded during storage and use).<br>Dampen with water to prevent dusting before sweeping.<br>Place in suitable containers for disposal. |
| **Major Spills** | Environmental hazard - contain spillage.<br>Wear full body protective clothing with breathing apparatus.<br>Prevent, by any means available, spillage from entering drains or water course.<br>Contain spill with sand, earth or vermiculite.<br>Collect recoverable product into labelled containers for recycling or suitable disposal.<br>Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle. |

| | |
|---|---|
| | Personal protective equipment advice is contained in Section 8 of this SDS |

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

| | |
|---|---|
| **Safe handling** | Avoid all personal contact including inhalation<br>Wear protective clothing when risk of exposure occurs.<br>Use in a well-ventilated area.<br>Avoid contact with moisture.<br>Avoid contact with incompatible materials.<br>When handling, **DO NOT** eat, drink or smoke.<br>Keep containers securely sealed when not in use.<br>Avoid physical damage to containers.<br>Always wash hands with soap and water after handling. Work clothes should be laundered separately. |
| **Other information** | Store in original containers. Keep containers securely sealed.<br>Store in a cool, dry, well-ventilated area.<br>Store away from incompatible materials and foodstuff containers.<br>Protect containers against physical damage and check regularly for leaks.<br>Observe manufacturer's storage and handling recommendations contained within this SDS.<br>**DO NOT** store near acids, or oxidising agents<br>No smoking, naked lights, heat or ignition sources. |

### Conditions for safe storage, including any incompatibilities

| | |
|---|---|
| **Suitable container** | Plastic pail.<br>Polyliner drum.<br>Packing as recommended by manufacturer.<br>Check all containers are clearly labelled and free from leaks. |
| **Storage incompatibility** | May attack metal.<br>In presence of moisture, the material is corrosive to aluminium, zinc and tin producing highly flammable hydrogen gas.<br>Is incompatible with oxidising and reducing agents. |

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

**OCCUPATIONAL EXPOSURE LIMITS (OEL)**

**INGREDIENT DATA**

| Source | Ingredient | Material name | TWA | STEL | Peak | Notes |
|---|---|---|---|---|---|---|
| Australia Exposure Standards | ethylene glycol monobutyl ether | 2-Butoxyethanol | 96.9 mg/m3 / 20 ppm | 242 mg/m3 / 50 ppm | Not Available | Sk |

**EMERGENCY LIMITS**

| Ingredient | Material name | TEEL-1 | TEEL-2 | TEEL-3 |
|---|---|---|---|---|
| sodium tripolyphosphate | Sodium tripolyphosphate | 0.22 mg/m3 | 2.5 mg/m3 | 620 mg/m3 |
| ethylene glycol monobutyl ether | Butoxyethanol, 2-; (Glycol ether EB) | 20 ppm | 20 ppm | 700 ppm |
| nitrilotriacetic acid,trisodium salt | Nitrilotriacetic acid, trisodium salt, monohydrate | 9.2 mg/m3 | 100 mg/m3 | 110 mg/m3 |
| sodium carbonate | Sodium carbonate | 12 mg/m3 | 130 mg/m3 | 780 mg/m3 |
| sodium metasilicate, pentahydrate | Sodium metasilicate pentahydrate | 45 mg/m3 | 45 mg/m3 | 170 mg/m3 |

| Ingredient | Original IDLH | Revised IDLH |
|---|---|---|
| sodium tripolyphosphate | Not Available | Not Available |
| ethylene glycol monobutyl ether | 700 ppm | 700 [Unch] ppm |
| nitrilotriacetic acid,trisodium salt | Not Available | Not Available |
| sodium carbonate | Not Available | Not Available |
| sodium metasilicate, pentahydrate | Not Available | Not Available |

### Exposure controls

| | |
|---|---|
| **Appropriate engineering controls** | Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.<br>If ventilation is poor, then the use of a local exhaust ventilation system is recommended. |
| **Personal protection** |  |
| **Eye and face protection** | Chemical goggles. Full face shield may be required for supplementary but never for primary protection of eyes.<br>Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. It may be wise to remove contact lenses before handling material. |
| **Skin protection** | See Hand protection below |
| **Hands/feet protection** | Wear elbow length chemical protective gloves. Nitrile is recommended for this application |
| **Body protection** | If conditions are dusty it would be wise to wear a suitable overall. |
| **Other protection** | Access to a safety shower.<br>Suitable dust mask.<br>Eye was unit |
| **Thermal hazards** | Not Available |

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

| | |
|---|---|
| **Appearance** | Orange powder |

| | | | |
|---|---|---|---|
| **Physical state** | Powder | **Relative density (Water = 1)** | Not Available |
| **Odour** | Lemon floral | **Viscosity (cSt)** | Not Available |
| **Odour threshold** | Not Available | **Auto-ignition temperature(°C)** | Not Applicable |
| **pH (as supplied)** | Not Applicable | **Decomposition temperature** | Not Available |
| **Melting point / freezing point (°C)** | Not Available | **Partition coefficient n-octanol / water** | Not Applicable |
| **Initial boiling point and boiling range (°C)** | Not Applicable | **Surface Tension (dyn/cm or mN/m)** | Not Available |
| **Flash point (°C)** | Not Applicable | **Taste** | Not Available |
| **Evaporation rate** | Not Available | **Explosive properties** | Not Available |
| **Flammability** | Not flammable | **Oxidising properties** | Not Available |
| **Upper Explosive Limit (%)** | Not Applicable | **Molecular weight (g/mol)** | Not Applicable |
| **Lower Explosive Limit(%)** | Not Applicable | **Volatile Component (%vol)** | Not Available |
| **Vapour pressure (kPa)** | Not Applicable | **Gas group** | Not Available |
| **Solubility in water (g/L)** | Up to 200g/L | **pH as a solution (1%)** | Not Available |
| **Vapour density (Air = 1)** | Not Available | **VOC g/L** | Not Available |

## SECTION 10 STABILITY AND REACTIVITY

| | |
|---|---|
| **Reactivity** | See section 7 |
| **Chemical stability** | Unstable in the presence of incompatible materials.<br>Product is considered stable.<br>Hazardous polymerisation will not occur. |
| **Possibility of hazardous reactions** | See section 7 |
| **Conditions to avoid** | See section 7 |
| **Incompatible materials** | See section 7 |
| **Hazardous decomposition products** | See section 5 |

## SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

| | |
|---|---|
| **Inhaled** | The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage.<br>Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled.<br>If prior damage to the circulatory or nervous systems has occurred or if kidney damage has been sustained, proper screenings should be conducted on individuals who may be exposed to further risk if handling and use of the material result in excessive exposures. |
| **Ingestion** | The material can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion.<br>Accidental ingestion of the material may be damaging to the health of the individual. |
| **Skin Contact** | The material can produce chemical burns following direct contact with the skin.<br>Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected. |
| **Eye** | The material can produce chemical burns to the eye following direct contact. Dust or mists may be extremely irritating.<br>If applied to the eyes, this material causes severe eye damage. |
| **Chronic** | Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems.<br>Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure. |

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high watermark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters.
Wastes resulting from use of the product must be disposed of on site or at approved waste disposal facility.

### Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|---|---|---|
| ethylene glycol monobutyl ether | LOW (Half-life = 56 days) | LOW (Half-life = 1.37 days) |
| sodium carbonate | LOW | LOW |

### Bio accumulative potential

| Ingredient | Bioaccumulation |
|---|---|
| ethylene glycol monobutyl ether | LOW (BCF = 2.51) |
| sodium carbonate | LOW (LogKOW = -0.4605) |

### Mobility in soil

| Ingredient | Mobility |
|---|---|
| ethylene glycol monobutyl ether | HIGH (KOC = 1) |
| sodium carbonate | HIGH (KOC = 1) |

## SECTION 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods

| | |
|---|---|
| **Product / packaging disposal** | Recycle containers whenever possible.<br>Product residues and containers should be disposed of in accordance with local government regulations. |

## SECTION 14 TRANSPORT INFORMATION

### Labels Required

| | |
|---|---|
| |  |
| **Marine Pollutant** | NO |
| **HAZCHEM** | 2X |

### Land transport (ADG)

| | |
|---|---|
| **UN number** | 1759 |
| **Packing group** | III |
| **UN proper shipping name** | CORROSIVE SOLID, N.O.S. |
| **Environmental hazard** | No relevant data |
| **Transport hazard class** | Class: 8<br>Sub risk: Not Applicable |
| **Special precautions for user** | Special provisions: 223 274<br>Limited quantity: 5 Kg |

## SECTION 15 REGULATORY INFORMATION

### Safety, health and environmental regulations / legislation specific for the substance or mixture

**SODIUM TRIPOLYPHOSPHATE (7758-29-4) IS FOUND ON THE FOLLOWING REGULATORY LISTS**
Australia Inventory of Chemical Substances (AICS

**DISODIUM DECYL (SULFOPHENOXY) BENZENESULFONATE (36445-71-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS**
Australia Inventory of Chemical Substances (AICS

**DISODIUM OXYBIS (DECYLBENZENE) SULFONATE (70146-13-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS**
Australia Inventory of Chemical Substances (AICS)

**ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS**
Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

**NITRILOTRIACETIC ACID, TRISODIUM SALT (5064-31-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS**
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
Australia Hazardous Substances Information System - Consolidated Lists

**SODIUM CARBONATE (497-19-8) IS FOUND ON THE FOLLOWING REGULATORY LISTS**
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

**SODIUM METASILICATE, PENTAHYDRATE (10213-79-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS**
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

## SECTION 16 OTHER INFORMATION

### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references. A list of reference resources used to assist the committee may be found at: www.chemwatch.net

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

**Definitions and abbreviations**

| | |
|---|---|
| PC-TWA; | Permissible Concentration-Time Weighted Average |
| PC-STEL: | Permissible Concentration-Short Term Exposure Limit |
| IARC: | International Agency for Research on Cancer |
| ACGIH: | American Conference of Government Industrial Hygienists |
| STEL: | Short Term Exposure Limit |
| TEEL: | Temporary Emergency Exposure Limit |
| IDLH: | Immediate Danger to Life or Health Concentrations |
| OSF: | Odour Safety Factor |
| NOAEL: | No Observed Effects Level |
| TLV: | Threshold Limit Value |
| LOD: | Limit Of Detection |
| OTV: | Odour Threshold Value |
| BCF: | Bio Concentration Factors |
| BEI: | Biological Exposure Index |



**End of SDS**