

SAFETY DATA SHEET



GlaxoSmithKline

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Material	ANDREWS PLUS+
Synonyms	ANDREWS PLUS+ (UK) * PARACETAMOL 1040 MG, CITRIC ACID 1185 MG, SODIUM BICARBONATE 808 MG, POTASSIUM BICARBONATE 715 MG, SODIUM CARBONATE 153 MG AND ASCORBIC ACID 30 MG SACHETS * PARACETAMOL, CITRIC ACID, SODIUM BICARBONATE, POTASSIUM BICARBONATE, SODIUM CARBONATE AND ASCORBIC ACID, FORMULATED PRODUCT
Company Name	<p>GlaxoSmithKline, Corporate Environment, Health & Safety 980 Great West Road Brentford, Middlesex TW8 9GS UK</p> <p>UK General Information: +44-20-8047-5000 Transport Emergency (EU) +44-1865-407333 Medical Emergency +1-612-221-3999, Ext 221 Information and Advice: US number, available 24 hours Multi-language response</p> <p>GlaxoSmithKline, Corporate Environment, Health & Safety One Franklin Plaza, 200 N 16th Street Philadelphia, PA 19102-1225 US</p> <p>US General Information: +1-888-825-5249 Transport Emergency (non EU) +1-703-527-3887 US number, available 24 hours Multi-language response</p>

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS RN	Percentage
PARACETAMOL	103-90-2	24.5
CITRIC ACID	77-92-9	29.1
SODIUM BICARBONATE	144-55-8	19.8
POTASSIUM BICARBONATE	298-14-6	17.5
SODIUM CARBONATE	497-19-8	3.8
L-ASCORBIC ACID	50-81-7	0.74
NON-HAZARDOUS INGREDIENTS	Unassigned	4.56

3. HAZARDS IDENTIFICATION

Fire and Explosion Assume that this product is capable of sustaining combustion.

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| * Health | Exposure might occur via ingestion; skin; eyes.
Health effects information is based on hazards of components. |
| * Environment | No information is available about the potential of this product to produce adverse environmental effects. |

4. FIRST-AID MEASURES

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| Ingestion | Never attempt to induce vomiting. Do not attempt to give any solid or liquid by mouth if the exposed subject is unconscious or semi-conscious. Wash out the mouth with water. If the exposed subject is fully conscious, give plenty of water to drink. Obtain medical attention. |
| Inhalation | Using appropriate personal protective equipment, move exposed subject to fresh air. If breathing is difficult or ceases, ensure and maintain ventilation. Give oxygen as appropriate. The exposed subject should be kept warm and at rest. Obtain medical attention in cases of known or possible over exposure, or with symptoms including chest pain, difficulty breathing, loss of consciousness or other adverse effects, which may be delayed. |
| Skin Contact | Using appropriate personal protective equipment, remove contaminated clothing and flush exposed area with large amounts of water. Obtain medical attention if skin reaction occurs, which may be immediate or delayed. |
| Eye Contact | Wash immediately with clean and gently flowing water. Continue for at least 15 minutes. Obtain medical attention. |

NOTES TO HEALTH PROFESSIONALS

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| * Medical Treatment | Medical treatment in cases of overexposure should be treated as an overdose of acetaminophen/paracetamol. Treat according to locally accepted protocols. For additional guidance, refer to the local poison control information centre. |
| Medical Conditions Caused or Aggravated by Exposure | None for occupational exposure. |
| Antidotes | No specific antidotes are recommended. |

5. FIRE-FIGHTING MEASURES

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| Fire and Explosion Hazards | Not expected for the product, although the packaging is combustible. |
| Extinguishing Media | Water or foam extinguishers are recommended.
Carbon dioxide or dry powder extinguishers may be ineffective. |
| Special Firefighting Procedures | For single units (packages): No special requirements needed.
For larger amounts (multiple packages/pallets) of product: Since toxic, corrosive or flammable vapours might be evolved from fires involving this product and associated packaging, self contained breathing apparatus and full protective equipment are recommended for firefighters.
If possible, contain and collect firefighting water for later disposal. |
| Hazardous Combustion Products | Toxic, corrosive or flammable thermal decomposition products are expected when the product is exposed to fire. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions | Wear protective clothing and equipment consistent with the degree of hazard. |
| Environmental Precautions | For large spills, take precautions to prevent entry into waterways, sewers, or surface drainage systems. |

Clean-up Methods	Collect and place it in a suitable, properly labelled container for recovery or disposal.
Decontamination Procedures	No specific decontamination or detoxification procedures have been identified for this product.

7. HANDLING AND STORAGE

HANDLING

General Requirements No special control measures required for the normal handling of this product. Normal room ventilation is expected to be adequate for routine handling of this product.

STORAGE

No storage requirements necessary for occupational hazards. Follow product information storage instructions to maintain efficacy.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT PARACETAMOL
GSK Occupational Hazard Category 1
GSK Occupational Exposure Limit 4000 MCG/M3 (8 HR TWA)

INGREDIENT CITRIC ACID
GSK Occupational Hazard Category 1
GSK Occupational Exposure Limit 5000 mcg/m3 (8 HR TWA)

INGREDIENT SODIUM BICARBONATE
GSK Occupational Hazard Category 1
GSK Occupational Exposure Limit 5000 mcg/m3 (8 HR TWA)

INGREDIENT POTASSIUM BICARBONATE
GSK Occupational Hazard Category 1
GSK Occupational Exposure Limit 5000 mcg/m3 (8 HR TWA)

INGREDIENT SODIUM CARBONATE
GSK Occupational Hazard Category 1
GSK Occupational Exposure Limit 5000 mcg/m3 (8 HR TWA)

INGREDIENT L-ASCORBIC ACID
GSK Occupational Hazard Category 1
GSK Occupational Exposure Limit 5000 mcg/m3 (8 HR TWA)

PERSONAL PROTECTIVE EQUIPMENT

Eye Protection Wear approved safety glasses with side shields if eye contact is possible.

Other Equipment or Procedures None required for normal handling. Wash hands and arms thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical Form Powder filled sachet.

10. STABILITY AND REACTIVITY

Stability This product is expected to be stable.

Conditions to Avoid None for normal handling of this product.

11. TOXICOLOGICAL INFORMATION

Oral Toxicity Adverse effects might occur following ingestion.

Inhalation Toxicity No studies have been conducted. Overexposure may result in irritation of the respiratory tract.

Skin Effects Irritation might occur following direct contact.

Eye Effects Severe irritation might occur following direct contact with eyes.

Sensitisation Sensitisation (allergic skin reaction) is not expected.

Genetic Toxicity Not expected to be genotoxic under occupational exposure conditions.

Carcinogenicity No components are listed as carcinogens by GSK, IARC, NTP or US OSHA. Not expected to produce cancer in humans under occupational exposure conditions.

Reproductive Effects No adverse effects have been reported following extensive use or exposure in humans.

Other Adverse Effects None known for occupational exposure.

12. ECOLOGICAL INFORMATION

Summary This product contains an active ingredient that has been tested and which may be harmful if released directly to the environment. Appropriate precautions should be taken to limit release of this material to the environment. Local regulations and procedures should be consulted prior to environmental release.

ECOTOXICITY

Aquatic

Daphnid This mixture contains an active pharmaceutical ingredient that is toxic to daphnids.

13. DISPOSAL CONSIDERATIONS

Disposal Recommendations Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.

Regulatory Requirements Observe all local and national regulations when disposing of this product.

14. TRANSPORT INFORMATION

The SDS should accompany all shipments for reference in the event of spillage or accidental release. Only authorised persons trained and competent in accordance with appropriate national and international regulatory requirements may prepare dangerous goods for transport.

UN Classification and Labelling

Transport Information Transportation and shipping of this product is not restricted. It has no known, significant hazards requiring special packaging or labelling for air, maritime, US or European ground transport purposes.

15. REGULATORY INFORMATION

The information included below is an overview of the major regulatory requirements. It should not be considered to be an exhaustive summary. Local regulations should be consulted for additional requirements.

EU Classification and Labelling

Exempt from requirements of EU Dangerous Preparations directive - product regulated as a medicinal product, cosmetic product or medical device.

US OSHA Standard (29 CFR Part 1910.1200)

Classification Exempt when packaged for sale to consumers in a retail establishment.

Other US Regulations

TSCA Status Exempt

16. OTHER INFORMATION

References GSK Hazard Determination

Date Approved/Revised 13-Dec-2006

SDS Version Number 4

SDS Sections Updated**Sections**

ECOLOGICAL INFORMATION

Subsections

Activated Sludge Respiration
 Adsorption
 Algal
 Algal Degradation
 Bioaccumulation
 Biodegradation
 Crustacea
 Daphnid
 Distribution
 Earthworm
 Ecotoxicity
 EHAC Notation
 Fish
 GSK Environmental Hazard Category
 Hydrolysis
 Microbial Growth Inhibition
 Microtox
 Mobility
 Other Adverse Effects
 Other Species - Aquatic
 Other Species - Terrestrial
 Partitioning
 Persistence/Degradation
 Photolysis
 Solubility
 Summary

SDS Sections Updated**Sections**

ECOLOGICAL INFORMATION

FIRST-AID MEASURES

HAZARDS IDENTIFICATION

Subsections

Volatility

Medical Treatment

Conditions Aggravated by Exposure

Environment

Eye Contact

Health

Ingestion

Inhalation

Overview

Skin Contact

Summary

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.