



SAFETY DATA SHEET

Issuing date 25-May-2012

Revision Date 25-May-2012

Version 1.0

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

1.1 Product identifier

Product name Instant Power Toilet Bowl Restorer
Product code SCOTCH-1803

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

Recommended Use Cleaning product
Uses advised against No information available

1.3 Details of the supplier of the safety data sheet

Company Information Manufacturer: Scotch Corporation
1255 Viceroy Drive.
Dallas, TX 75247

Telephone +1 214 943 4605

Supplier UK Distributor - Robimatic Plc
Sandall Stones Road
Kirk Sandall Industrial Estate
Kirk Sandall

Telephone Doncaster, DN3 1QR
+44 (0) 1302 790 790

Fax +44 (0) 1302 790 088

For further information, please contact:

E-mail Address mail@scotchcorp.com

1.4 Emergency telephone number

Emergency telephone +1 (800) 424 9300 (CHEMTREC)

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2; H315
Eye Irrit. 2; H319
STOT SE 3; H335

Instant Power Toilet Bowl Restorer

Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R-phrases mentioned in this Section, see Section 16

Xi - Irritant
R36/37/38

2.2 Label elements



Signal Word

Warning

Hazard Statements

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary statements

P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P280 - Wear protective gloves
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

2.3 Other information

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)
This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	EC-No	CAS-No	Weight %	Classification (67/548)	Classification (Reg. 1272/2008)	REACH Registration Number
Hydrogen chloride	231-595-7	7647-01-0	10-20	C; R34 Xi; R37	Skin Corr. 1B (H314) STOT SE 3 (H335)	-

For the full text of R-phrases and H-Statements see Section 16

Instant Power Toilet Bowl Restorer

SECTION 4. FIRST AID MEASURES

4.1 Description of first-aid measures

Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.
Skin contact	Remove contaminated clothing and shoes. Wash off immediately with plenty of water. Get medical attention immediately if symptoms occur.
Ingestion	Do NOT induce vomiting. Wash out mouth with water and give 100 - 200 ml of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. Administer oxygen if breathing is difficult and you are trained. Seek immediate medical attention/advice.

4.2 Most important symptoms and effects, both acute and delayed

Main Symptoms Irritating to eyes, respiratory system and skin

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Extinguishing media which shall not be used for safety reasons

No information available

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors: Hydrogen chloride gas.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes. Ensure adequate ventilation. Wear protective gloves/clothing and eye/face protection.

6.2 Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and materials for containment and cleaning up

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal

Instant Power Toilet Bowl Restorer

6.4 Reference to other sections

See Section 8. See also section 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid breathing vapors or mists. Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Store in original container. Store separately from incompatible materials.

7.3 Specific end uses

Household cleaning product

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Chemical Name	Hydrogen chloride 7647-01-0
European Union	TWA 5 ppm TWA 8 mg/m ³ STEL 10 ppm STEL 15 mg/m ³
The United Kingdom	STEL: 5 ppm STEL: 8 mg/m ³ TWA: 1 ppm TWA: 2 mg/m ³
France	STEL: 5 ppm STEL: 7.6 mg/m ³
Spain	STEL: 10 ppm STEL: 15 mg/m ³ TWA: 5 ppm TWA: 7.6 mg/m ³
Germany	TWA: 2 ppm TWA: 3.0 mg/m ³ Ceiling / Peak: 4 ppm Ceiling / Peak: 6 mg/m ³
Italy	TWA: 3 mg/m ³ TWA: 5 ppm TWA: 8 mg/m ³ STEL: 10 ppm STEL: 15 mg/m ³
Portugal	Ceiling: 2 ppm
The Netherlands	STEL: 15 mg/m ³ TWA: 8 mg/m ³
Finland	STEL: 5 ppm STEL: 7.6 mg/m ³
Denmark	Ceiling: 5 ppm Ceiling: 7 mg/m ³
Austria	STEL 10 ppm STEL 15 mg/m ³ TWA: 5 ppm TWA: 8 mg/m ³

Instant Power Toilet Bowl Restorer

Switzerland	STEL: 4 ppm STEL: 6 mg/m ³ TWA: 2 ppm TWA: 3.0 mg/m ³
Poland	NDSch: 10 mg/m ³ TWA: 5 mg/m ³
Norway	Ceiling: 5 ppm Ceiling: 7 mg/m ³
Ireland	TWA: 5 ppm TWA: 8 mg/m ³ STEL: 10 ppm STEL: 15 mg/m ³

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls

Appropriate engineering controls Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded

Personal protective equipment

Eye Protection Tightly fitting safety goggles
Hand Protection Protective gloves
Skin and body protection Long sleeved clothing
Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment (BS EN 14387:2004+A1)

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls Avoid release to the environment

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state liquid
Appearance Clear blue
Odor Acidic
Color No information available
Odor Threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	1.0	approx
Melting/freezing point		No information available
Freezing Point		No information available
Boiling point/boiling range	> 93 °C / 200 °F	
Flash Point		
Evaporation rate		No information available
Flammability (solid, gas)		Not applicable
Flammability Limits in Air		No information available
upper flammability limit		
lower flammability limit		
Vapor pressure		No information available
Vapor density		No information available
Relative density	1.0738 - 1.0753	@ 15°C °C
Water solubility	completely soluble	No information available

Instant Power Toilet Bowl Restorer

Solubility in other solvents	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available

Explosive properties	No information available
Oxidizing Properties	No information available

9.2 Other information

Softening point	No information available
Molecular Weight	No information available
VOC Content(%)	No information available
Density	No information available
Bulk Density	No information available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Reaction with: Bases

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous polymerization does not occur

10.4 Conditions to Avoid

Do not mix with chlorine bleach, ammonia or other household cleaners or chemicals.

10.5 Incompatible Materials

Strong acids. Bases. Metals. Metal oxides. Hydroxides. Carbonates. Sulfides. Sulfates.

10.6 Hazardous Decomposition Products

Thermal decomposition can lead to release of toxic/corrosive gases and vapors; Hydrogen chloride

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrogen chloride	700 mg/kg (Rat)	5010 mg/kg (Rabbit)	3124 ppm (Rat) 1 h

Skin corrosion/irritation Irritating to skin

Serious Damage/Eye Irritation Irritating to eyes.

Instant Power Toilet Bowl Restorer

Respiratory or Skin Sensitisation	Not Classified
Mutagenicity	Not Classified
Carcinogenicity	No information available

Chemical Name	European Union	IARC
Hydrogen chloride		Group 3

Reproductive toxicity	Not Classified
STOT - Single exposure	Irritating to respiratory system
STOT - Repeated exposure	Not classified
Aspiration hazard	Not Classified
Other information	No information available

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Hydrogen chloride		LC50: 282 mg/L 96 h static (Gambusia affinis)	

WGK Classification = 1

12.2 Persistence and degradability

This product is not expected to persist in the environment.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely

12.4 Mobility in soil

Soluble in water

12.5 Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other adverse effects

No information available

Instant Power Toilet Bowl Restorer

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from residues / unused products	Dispose of in accordance with local regulations
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal

SECTION 14. TRANSPORT INFORMATION

	ADR/RID/ADN		
14.1 UN Number	1789	1789	1789
14.2 Proper shipping name	HYDROCHLORIC ACID	HYDROCHLORIC ACID	HYDROCHLORIC ACID
14.3 Transport hazard class(es)	8	8	8
14.4 Packing group	II	II	II
14.5 Environmental Hazards	Not Classified	Not Classified	Not Classified
14.6 Special precautions for users		Avoid contact with skin and eyes.	
14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code		-	

SECTION 15. REGULATORY INFORMATION

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

WGK Classification = 1

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006
Classification according to Regulation (EC) No 1272/2008.

ENCS Listed

15.2 Chemical Safety Assessment

No information available

Instant Power Toilet Bowl Restorer

SECTION 16. OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

R34 - Causes burns
R36/37/38 - Irritating to eyes, respiratory system and skin
R37 - Irritating to respiratory system

Full text of H-Statements referred to under sections 2 and 3

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H314 - Causes severe skin burns and eye damage

Issuing date 25-May-2012

Revision Date 25-May-2012

Revision Note not applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text