
GENERAL:

during CAUTION! First aid personnel must be aware of own risk
rescue! Remove affected person from source of contamination. Get
medical attention

INHALATION:

Move the exposed person to fresh air at once. Get medical attention.
Provide rest, warmth and fresh air. When breathing is difficult,
properly trained personnel may assist affected person by
administering 100% oxygen

INGESTION:

Get medical attention immediately! DO NOT INDUCE VOMITING! NEVER
MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove
victim immediately from source of exposure. Drink plenty of water.
Provide rest, warmth and fresh air

SKIN:

Remove affected person from source of contamination. Remove
contaminated clothing. Wash the skin immediately with soap and
water. Get medical attention promptly if symptoms occur
after washing

EYES:

Remove victim immediately from source of exposure. Make
sure to remove any contact lenses from the eyes before rinsing.
Promptly wash eyes with plenty of water while lifting the eyelids. Get
medical attention immediately. Continue to rinse

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:

Use extinguishing media appropriate for surrounding fire

e.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Fire causes formation of toxic gases.

HAZARDOUS COMBUSTION PRODUCTS:

Toxic gases/vapours/fumes of: Hydrogen cyanide (HCN).

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS:

DO NOT touch spilled material. Wear necessary protective equipment.

Shovel into dry containers. Cover and move the containers.

Flush the area with water. Inform Authorities if large amount

is involved

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:

Avoid spilling, skin and eye contact. Avoid handling which leads to

dust formation. Do not use in confined spaces without adequate

ventilation and/or respirator

STORAGE PRECAUTIONS:

Store away from; Acids. Keep in cool, dry, ventilated storage and

closed containers. Keep in original container. Store between 5°C

and 30°C

STORAGE CRITERIA:

Toxic storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

H. S. WALSH & SONS LTD
243 BECKENHAM ROAD
BECKENHAM
KENT BR3 4TS
0208 778 7061

CYANIDE N.O.S 151-50-8 -- -- ppm

PROTECTIVE EQUIPMENT:

GLOVES SPECTACLES DUST MASK

PROCESS CONDITIONS:

Use engineering controls to reduce air contamination to permissible exposure level

VENTILATION:

Provide adequate general and local exhaust ventilation.

RESPIRATORS:

D, Dust mask/respirator.

PROTECTIVE GLOVES:

Use protective gloves.

EYE PROTECTION:

Wear dust resistant safety goggles where there is danger of eye contact

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact

HYGIENIC WORK PRACTICES:

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:

Crystals or crystalline.

COLOUR:

White.

SOLUBILITY DESCRIPTION:

Soluble in water.

SOLUBILITY VALUE (g/100g H₂O 20°C):

72

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:

Avoid contact with acids. Generates very toxic gas in contact with acid

HAZARDOUS DECOMP. PRODUCTS:

Toxic gases/vapours/fumes of: Hydrogen cyanide (HCN).

11. TOXICOLOGICAL INFORMATION:

MUTAGENIC:

CYANIDE N.O.S

TOXIC DOSE - LD 50:

10mg/kg (oral rat)

HEALTH WARNINGS:

Gas or vapour is toxic or extremely irritating even on brief exposure. Gas or vapour displaces oxygen available for breathing (asphyxiant). This chemical can be hazardous when inhaled and/or touched. Toxic through skin absorption (percutaneous). Repeated exposure may cause chronic eye irritation. Exposure may cause: Unconsciousness, death

ROUTE OF ENTRY:

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

12. ECOLOGICAL INFORMATION:

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:

React with sodium hypochlorite to destroy. Check that a
11 cyanide
has been destroyed with starch iodide paper. Absorb in
vermiculite
or dry sand, dispose in licensed special waste. Dispose
of in
accordance with Local Authority requirements

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:

TOXIC SUBSTANCE (CLASS 6.1) (WHITE DIAMOND WITH SKULL/C
ROSSBONES)
YE

UN No. ROAD:
1680

ADR CLASS No.:
Division 6.1:Toxic substances.

ADR CLASS:
6.1

ADR ITEM No.:
41(a)

CEFIC TEC(R) No.:
627

PROPER SHIPPING NAME I:
POTASSIUM CYANIDE

IMDG CLASS:
6.1



IMDG PACK GR.:

I

EmS No.:

6.1-04

MARINE POLLUTANT:

Yes.

ICAO CLASS:

6.1

AIR PACK GR.:

I

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:

VERY TOXIC DANGEROUS FOR THE ENVIRONMENT

RISK PHRASES:

R-26/27/28 Very toxic by inhalation, in contact with skin and if

swallowed.

R-32 Contact with acids liberates very toxic gas.

R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES:

S-38 In case of insufficient ventilation, wear suitable respiratory equipment.

S-45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S-36/37 Wear suitable protective clothing and gloves.

S-28A After contact with skin, wash immediately with plenty of water.

S-60 This material and its container must be disposed off as hazardous waste.

S-61 Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.

UK REGULATORY REFERENCES:

tances Health and Safety at Work Act 1974. The Control of Subs
Hazardous to Health Regulations

GUIDANCE NOTES:

Occupational Exposure Limits EH40.

16. OTHER INFORMATION:

INFORMATION SOURCES:

owner's: Dangerous Properties of Industrial Chemicals, N.Sax, Cr
e. Dangerous Substances. Croner's: Emergency Spillage Guid
ty Data Croner's: Substances Hazardous to Health. Material Safe
Sheet, Misc. manufacturers

REVISION DATE:

6/9/01

REV. No./REPL. SDS GENERATED:

1

H. S. WALSH & SONS LTD
243 BECKENHAM ROAD
BECKENHAM
KENT BR3 4TS
0208 778 7061

* CANNOT BE
SENT

TP.1303
LQ 18
(1 kg / 4kg)

SAFETY DATA SHEET

COPPER STRIKE SALTS PART B

UN NO 1587

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

PRODUCT NAME:

COPPER STRIKE SALTS PART B

PART No.:

569003

SUPPLIER:

PMD (UK) Limited
Broad Lane
Coventry
CV5 7AY
024 764 66691
024 764 73034

2. COMPOSITION/INFORMATION ON INGREDIENTS:

0/53
CYANIDE N.O.S 151-50-8 60-100 % T+, N, 26/27/28, 32, 5

3. HAZARDS IDENTIFICATION:

swallowed. Very toxic by inhalation, in contact with skin and if s
verse Very toxic to aquatic organisms, may cause long-term ad
effects in the aquatic environment

4. FIRST AID MEASURES:

GENERAL:

during rescue! Remove affected person from source of contamination. Get medical attention

INHALATION:

Move the exposed person to fresh air at once. Get medical attention.
Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen

INGESTION:

Get medical attention immediately! DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Drink plenty of water. Provide rest, warmth and fresh air

SKIN:

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing

YES:

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Get medical attention immediately. Continue to rinse

FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:

Use extinguishing media appropriate for surrounding fire

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UNUSUAL FIRE & EXPLOSION HAZARDS:

Fire causes formation of toxic gases.

HAZARDOUS COMBUSTION PRODUCTS:

Toxic gases/vapours/fumes of: Hydrogen cyanide (HCN).

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DO NOT touch spilled material. Wear necessary protective equipment.

Shovel into dry containers. Cover and move the containers. Flush

the area with water. Inform Authorities if large amounts are

involved

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:

Avoid spilling, skin and eye contact. Avoid handling which leads to

dust formation. Do not use in confined spaces without adequate

ventilation and/or respirator

STORAGE PRECAUTIONS:

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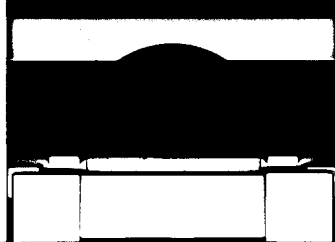
closed containers. Keep in original container. Store between 5°C

and 30°C

STORAGE CRITERIA:

Toxic storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:



copper Strike Salts Part B

CYANIDE N.O.S 151-50-8 -- -- ppm

PROTECTIVE EQUIPMENT:

GLOVES SPECTACLES DUST MASK

PROCESS CONDITIONS:

Use engineering controls to reduce air contamination to permissible exposure level

VENTILATION:

Provide adequate general and local exhaust ventilation.

RESPIRATORS:

D, Dust mask/respirator.

PROTECTIVE GLOVES:

Use protective gloves.

EYE PROTECTION:

Wear dust resistant safety goggles where there is danger of eye contact

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact

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9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:

Powder, dust.

COLOUR:

Green.

SOLUBILITY DESCRIPTION:

Insoluble in water.

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:

Avoid contact with acids. Generates very toxic gas in contact with acid

HAZARDOUS DECOMP. PRODUCTS:

Toxic gases/vapours/fumes of: Hydrogen cyanide (HCN).

11. TOXICOLOGICAL INFORMATION:

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ROSSBONES)
YE

UN No. ROAD:
1587

ADR CLASS No.:
Division 6.1: Toxic substances.

ADR CLASS:
6.1

ADR ITEM No.:
41(b)

CEFIC TEC(R) No.:
61G16

PROPER SHIPPING NAME I:
COPPER CYANIDE

IMDG CLASS:
6.1

IMDG PACK GR.:
II



EmS No.:

6.1-04

MARINE POLLUTANT:

Yes.

ICAO CLASS:

6.1

AIR PACK GR.:

II

15. REGULATORY INFORMATION:

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water.

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hazardous waste.

S-61 Avoid release to the environment. Refer to special

instructions/ Safety Data Sheets.

UK REGULATORY REFERENCES:

Health and Safety at Work Act 1974. The Control of Substances

stances

Hazardous to Health Regulations

GUIDANCE NOTES:

Occupational Exposure Limits EH40.

16. OTHER INFORMATION:

INFORMATION SOURCES:

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Sheet, Misc. manufacturers

REVISION DATE:

29/8/01

REV. No./REPL. SDS GENERATED:

1