SAFETY DATA SHEET

CHESSER CHEMICALS Pty Ltd
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ABN Number: 67 008 262 039

Product: STEEL SHINE

HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

SIGNAL WORD: DANGER

Hazards

H227	Combustible liquid
H304	May be fatal if swallowed and enters airways

☎Emergency Response No: CHEMWATCH **1800 951 288**

RECOMMENDED PPE

GLOVES **SAFETY GLASSES**

1 IDENTIFICATION

IDENTIFICATION

Product Code:	SSH
Product Name:	STEEL SHINE
Other Names:	Not applicable
Product Use:	Metal & Stainless steel cleaner-polish
Restrictions on use:	Use as Directed

COMPANY DETAILS

Company:	CHESSER CHEMICALS Pty Ltd
ABN Number:	67 008 262 039
Address:	124 Days Road FERRYDEN PARK SA 5010
Telephone Number:	(08) 8406 0000
Facsimile Number:	(08) 8406 0099
Emergency Telephone Number:	CHEMWATCH 1800 951 288

Other Information: This information summarises our best knowledge on the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

2 HAZARD IDENTIFICATION

HAZARDOUS SUBSTANCE according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

Classification of the substance or mixture:

Flammable liquid - Category 4
Aspiration Toxicity - Category 1

SIGNALWORD: DANGER

Health Hazard

Hazard Statements

Physical hazards

H227 Combustible liquid

Health hazards

H304 May be fatal if swallowed and enters airways

Precautionary statements

General precautionary statements

Prevention precautionary statements

P210 Keep away from open flames and hot surfaces - No smoking.
P260 Do not breathe dust/fume/gas/mist/vapours/spray
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves, protective clothing, eye protection.

Response precautionary statements

P301 P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
P331 Do NOT induce vomiting.
P370 P378 In case of fire: Use sand, earth or chemical foam to extinguish.

Storage precautionary statements

P405 Store locked up.
P403 P235 Store in a well ventilated place. Keep cool.

Disposal precautionary statements

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Poisons Schedule (SUSMP): S5

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Naphtha (petroleum), hydrotreated heavy	[64742-48-9]	30-60%	H304 H227
Ingredients determined not to be hazardous		Balance	

4 FIRST AID MEASURES

Ingestion: DO NOT induce vomiting. Immediately wash out mouth with water. Where vomiting occurs naturally have victim place head below hip level in order to reduce risk of aspiration. Seek medical attention. If symptoms develop seek medical attention.

Eye: If contact with the eye(s) occurs, wash with copious amounts of water, holding eyelids(s) open. Take care not to rinse contaminated water into the non-effected eye. If irritation develops and persists, seek medical attention.

Skin: Remove contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.

Inhaled: Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a facemask if breathing is difficult. If irritation develops and persists, seek medical attention.

First Aid Facilities Eye wash and safety shower

Advice to Doctor Treat symptomatically.

Medical Conditions Aggravated by Exposure No information available on medical conditions aggravated by exposure to this product.

5 FIRE FIGHTING MEASURES

Fire Extinguishing Media: In case of fire, appropriate extinguishing media include sand, foam, dry chemical or carbon dioxide. Do NOT use straight streams of water. Use water spray to cool fire exposed surfaces and to protect personnel.

Hazards from Combustion Products The product is non-flammable, however, it is combustible and may support the combustion of oxidisable material such as paper, straw, sawdust, rags etc. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible. The packaging material may burn to emit noxious fumes.

Specific Hazards Combustible liquid. Fire-exposed container may rupture/explode.

Precautions in connection with Fire Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas where gases or fumes can accumulate. Do not use direct water stream. Eliminate ignition sources. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply.

Hazchem None allocated

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures Any spillage should be regarded as a potential fire risk. Isolate the spillage from all ignition sources including road traffic. Ensure good ventilation. Evacuate all non-essential personnel from the immediate area. Wear protective equipment. (See Exposure Controls/Personal Protection, Section 8 of this SAFETY DATA SHEET for details) Contain and recover liquid using sand or other suitable inert absorbent material. It is advised that stocks of suitable absorbent material should be held in quantities sufficient to deal with any spillage which may be reasonably anticipated. Spilled material may make surfaces slippery. Clean up spilled material immediately. Recovery of large spillages should be affected by specialist personnel. Protect drains from potential spills to minimise contamination. Do not wash product into drainage system. Large and uncontained spillages should be smothered in foam to reduce the risk of ignition. The foam blanket should be maintained until the area is declared safe. Vapour is heavier than air and may travel to remote sources of ignition (eg. along drainage systems, in basements, etc.). If spillage has occurred in a confined space, ensure adequate ventilation and check that a safe, breathable atmosphere is present before entry. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies. In case of spillage at sea, approved dispersants may be used where authorised by the appropriate regulatory authority. In the event of spillages, contact the appropriate authorities. Regular surveillance on the location of the spillage should be maintained. Keep unauthorised people away Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing

Clean Up Spills will be slippery so treat promptly. For minor spills mop up with warm detergent solution, and rinse with water. For larger spills absorb material on mineral absorbent material or absorbent pads. Collect and put into plastic bags and dispose of through waste disposal contractor. The remaining residual on the surface can be moped up with warm detergent solution, rinse area with water.

7 HANDLING AND STORAGE

Handling Ensure good ventilation and avoid, as far as reasonably practicable, the inhalation and contact with vapours, mists or fumes which may be generated during use. If such vapour, mists or fumes are generated, their concentration in the workplace air should be controlled to the lowest reasonably practicable level. Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid skin contact. Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times. Do not siphon product by mouth. Whilst using, do not eat, drink or smoke. Wash hands thoroughly after contact. Use disposable cloths and discard when soiled. Do not

put soiled cloths into pockets. Take all necessary precautions against accidental spillage into soil or water. Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Keep containers closed when not in use. Maintain a high standard of personal hygiene. Wash hands immediately after using product

Storage Store in the original container, in a cool, dry, well-ventilated area out of sunlight, away from incompatible materials and away from heat and open flames. Store away from foodstuffs. Keep containers closed when not in use to ensure contamination does not occur and check regularly for leaks. Do not combine part drums of the same product, as this may be a source of contamination. Do not mix with other chemicals. This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

National Exposure Standards: No value assigned for this specific material or the hazardous ingredients by Work Safe Australia. However, in the absence of exposure standards, the manufacturer's recommendation for exposure levels are listed below:

T.W.A. for Liquid Hydrocarbons = 1200 mg/m^3 (8 hr)

BIOLOGICAL LIMIT VALUES: No biological limit allocated.

ENGINEERING CONTROLS: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local exhaust ventilation or while wearing a respirator. Keep containers closed when not in use. Avoid generating and inhaling mists.

Personal Protection Equipment Protective equipment must be worn at all times. Risk assessments should always be conducted to identify the hazards and in turn determine the appropriate personal protective equipment for the hazard.

EYES: Safety glasses with side shields (AS1336/1337)
HANDS: Wear rubber or PVC gloves (AS2161).
CLOTHING: Long-sleeved protective clothing and safety footwear
Hygienic Practices: No Data Available


9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear colourless liquid
Odour:	Mild lemon solvent
Boiling Point:	No information available
Specific Gravity:	0.80
Flash Point:	>65°C
Flammability:	Not determined
Solubility in Water:	Insoluble
pH (neat):	Not applicable

10 STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions of use and storage.
Hazardous Decomposition Products When involved in a fire, smoke, fume, oxides of carbon and other incomplete combustion products.
Hazardous Reaction: Hazardous reaction with strong oxidising agents
Hazardous Polymerization: Will not occur.
Incompatibilities: Strong oxidising agents
Conditions to Avoid: Heat, direct sunlight, open flames or sources of ignition.

11 TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion Harmful if swallowed. Capable of causing irritation and intoxication. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis.
Eye Contact May cause eye irritation.
Skin Contact Capable of causing skin irritation and may defat the skin with continual use, leading to dermatitis.
Inhalation Vapours, mists and sprays are capable of causing irritation.

Chronic Effects Prolonged or repeated contact with this material may result in skin irritation possibly leading to dermatitis.

Toxicological Data No information available for this product.

12 ECOLOGICAL INFORMATION

Persistence / Degradability No information available on biodegradability. Liquid hydrocarbons degrade rapidly in air by photochemical means. Has the potential to bioaccumulate

Mobility Floats on water. Adsorbs to soil and has low mobility

Environ. Protection Prevent this material from entering the environment.

Acute Toxicity -

Other Organisms Ecotoxicity of Liquid Hydrocarbons:

Fish	Low toxicity LC/EC/IC50	1000 mg/L
Aquatic Invertebrates	Low toxicity LC/EC/IC50	1000 mg/L
Algae	Low toxicity LC/EC/IC50	1000 mg/L

13 DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations. Refer to Waste Management Authority. Dispose of material through licensed waste contractor observing all federal, state and local regulations. Assure conformity with all applicable regulations. Empty containers should be forwarded to an approved agent for recycling. Avoid unauthorised discharge to sewer.

Special Precautions for Landfill or Incineration: The product is suitable for disposal by landfill through an approved agent. Do not incinerate; by products can be hazardous.

14 TRANSPORT INFORMATION

Land Transport & Sea Transport

UN Number	None allocated
Shipping Name	None allocated
Dangerous Goods Class	None allocated
Subsidiary Risk	Not applicable.
Pack Group	None allocated
Precaution for User	None known
Hazchem Code	None allocated
Marine Pollutant	Not applicable

15 REGULATORY INFORMATION

Poisons Schedule S5

EPG Not applicable

Classification of the substance or mixture:

Flammability - Category 4 Combustible

Aspiration - Category 1

Hazard Statement(s):

H227 Combustible liquid

Health hazards

H304 May be fatal if swallowed and enters airways

Environmental hazards

None

16 OTHER INFORMATION

Literature References No data available.

Sources for Data No data available.

Legend to Abbreviations and Acronyms

<	less than
>	greater than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
cm^2	square centimetres
CO_2	Carbon Dioxide
COD	Chemical Oxygen Demand
deg C (°C)	degrees Celsius
ERMA	Environmental Risk Management Authority
G	gram
g/cm^3	grams per cubic centimetre
g/l	grams per litre
HSNO	Hazardous Substance and New Organism
IDLH	Immediately Dangerous to Life and Health
Immiscible	liquids are insoluble in each other
Kg	kilogram
kg/m^3	kilograms per cubic metre
LC_{50}	LC stands for Lethal Concentration. LC_{50} is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.

LD_{50}	LD stands for Lethal Dose. LD_{50} is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
Ltr	Litre
m^3	cubic metre
mbar	millibar
mg	milligram
mg/24H	milligrams per 24 hours
mg/kg	milligrams per kilogram
mg/m^3	milligrams per cubic metre
Misc	miscible
Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
mm	millimetre
mPa.s	milli Pascal per second
N/A	Not Applicable
NOHSC	National Occupational Health and Safety Commission
OECD	Organization for Economic Co-operation and Development
PEL	Permissible Exposure Limit
ppb	parts per billion
ppm	parts per million
ppm/2h	parts per million per 2 hours
ppm/6h	parts per million per 6 hours
RCP	Reciprocal Calculation Procedure
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
tne	tonne
TWA	Time Weighted Average
ug/24H	micrograms per 24 hours
UN	United Nations (number)
Wt	weight

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Amendments to 'P' statements.
Amendments to transport information.

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