

TECHNICAL INFORMATION SHEET

SAFETY DATA SHEET

Product name : SYSTEM-40 aerosols

SECTION 1: MATERIAL IDENTIFICATION

A rust preventive and lubricant (which is CFC and Fluorine free)

Manufacturer 's name : Allchem Technology Sdn. Bhd.

No. 5, Jalan BK 1/11,
Bandar Kinrara Industrial Park,
47180 Puchong,
Selangor.

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SECTION II: HAZARDS IDENTIFICATION

Classification (1999/45/EEC) R36,R43,R10

Classification (EC 1272/2008) H315,H223,H320

(The full text for all R-phrases and Hazard Statements are display in Section 15)



Hazards Statements

H223 Flammable aerosol
H315 Causes skin irritation
H320 Causes eye irritation

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces — no smoking
P251 Pressurized container: Do not pierce or burn even after use
P281 Use personal protective equipment as required
P313 Get medical advice / attention
P410 Protect from sunlight. Do not expose to temperatures exceeding
50°C/122°F

SECTION III : INGREDIENTS

TLV

Light oil in solvent blend
(with moly solids as lubricant)

n/a

LPG propellant

10%

SECTION IV : FIRST AID MEASURES

After inhalation — move patient to open ventilated area
 After contact with skin — wash off with soap and plenty of water
 After contact with eyes — rinse with plenty of water
 After ingestion — do not induce vomiting. Obtain medical help.
 Advice to doctor — treat symptomatically
 Wash with copious water if contacted. Avoid splashing onto eyes.

SECTION V : FIRE FIGHTING MEASURES

Flash point	LPG —55 deg C TCC
Extinguishing media	propellant is FLAMMABLE
Special Hazards	none
Special protective equipment for firefighters	none
Aerosols are under pressure. Do not puncture.	

SECTION VI: ACCIDENTAL RELEASE MEASURE

Personal precautions	ensure ventilation, remove clothing if wet with product.
Environmental	do not contaminate ground water systems or discharge without pre-treatment. Mop up and dispose in accordance with local regulations
Methods for cleaning	use mop or mechanical equipment. Use gloves. Keep in suitable containers for disposal.
Body protection	none required. For hands — use gloves
Hygiene measures	AVOID prolonged and / or repeated soaking / contact with skin and hands. Remove soiled or soaked clothing immediately. Do not inhale vapors or mist, if created.

SECTION VII : HANDLING AND STORAGE

If possible use gloves. Protect eyes with goggles in strong winds.
 Store — in cool place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122T

SECTION VIII : EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure — from prolonged soaking of skin or hands
 Personal protection :
 Hand - use protective gloves.
 Eye - use goggles.
 General - usual precautions for handling of chemicals must be observed.

SECTION IX: PHYSICAL DATA

Specific Gravity (28°C) : n/a	Boiling point : n/a
Vapour Pressure : n/a	Percent volatile by vol. (%) : n/a
Vapour Density : n/a	Evaporation rate (nBA =1) : slow
Solubility in water : no	Auto ignition temp : n/a
Appearance and odor : liquid, slight odor	

SECTION X: STABILITY AND REACTIVITY

Stable, nonphotoreactive liquid, will not affect most plastics / metals. Polymerisation will not occur.

SECTION XI: TOXICOLOGICAL INFORMATION

Acute toxicity - none

Primary mucous membrane irritation / rabbits eye test - irritant

Sensitisation test — sensitising effect possible

Carcinogen — this product or components / mixture is not listed in IARC monographs or current ACGTH TLVs as a carcinogen.

SECTION XII: ECOLOGICAL INFORMATION

Eliminating information — none

Behavior and environmental fate — inhibition not anticipated at slow and low concentrations

Ecotoxic effects — none

Toxicity to bacteria — Warburg test — some elimination

SECTION XIII : DISPOSAL CONSIDERATIONS

Do not discharge spilled concentrated liquid into waterways

Dispose mopped up spillage in accordance to regulations.

Aerosols containers — not to be reused

Empty product containers can be incinerated.

SECTION XIV : TRANSPORT INFORMATION

Not classified as hazardous under transport regulations except for air transport

SECTION XV : REGULATORY INFORMATION

Labelling according to EEC directive :

Risk Phrases :-

R10 – flammable

R36 — irritating to eyes

R43 — may cause sensitization by skin contact

Hazard Statement:-

H223 Flammable aerosol

H315 Causes skin irritation

H320 Causes eye irritation

SECTION XVI : OTHER INFORMATION

None — flammable product

Note : use well away from naked flame.

Sources of data : SDS of material manufacturer

REFERENCES:

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