

**C.H.I.P. HEALTH AND SAFETY DATA SHEET**  
**WG-90 WHITE GREASE + PTFE**

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

**PRODUCT NAME:** WG-90 WHITE NON-TOXIC GREASE - NONE MELTING UNDER 200 DEG.C

**INTENDED USE:** WG-90 IS A WHITE MINERAL OIL BASED GREASE. WG-90 IS WATER/STEAM/ACID/ALKALINE SUBSTANCE RESISTANT. WG-90 IS IDEAL FOR ALL GENERAL PURPOSE LUBRICATION. P.T.F.E. HAS BEEN ADDED TO THE FORMULATION TO PROVIDE ADDITIONAL QUALITY OF LUBRICATION AND A DEGREE OF PROTECTION FOR DRY RUNNING SURFACES.

**MANUFACTURER:**

Action Can Ltd.,  
Dixon Close,  
Old Boston Trading Estate,  
Haydock, St. Helens,  
Merseyside. WA11 9SF  
Tel: 01942 713667 Fax: 01942 716235  
Emergency Telephone No. 01704 821314

**SUPPLIER:**

**2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS – NON HAZARDOUS INGREDIENTS MAY NOT BE LISTED:**

INGREDIENTS:	CAS NO:	EINECS NR.:	CLASSIFICATION:	CONTENTS
Isobutane	75-28-5	200-857-2	Fx R-12	5-10 %
Butane	106-97-8	203-448-7	Fx R-12	10-30 %
Propane	74-98-6	200-827-9	Fx R-12	10-30 %
Naphtha (Petroleum), Hydrotreated Light	64742-49-0	265-151-9	XI,F,N R11,38, 51/53,65,67	30-60 %

The full text for all R-Phrases are displayed in Section 16.

**3. HAZARDS IDENTIFICATION:**

Extremely flammable, irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

Risk phrases indicate harmful in the aquatic environment. In practice the unit of issue being under 500 mls in volume and aerosol packed is unlikely to pose a significant hazard.

#### **4. FIRST AID MEASURES:**

##### INHALATION OF

PROPELLANT VAPOUR: Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

SKIN CONTACT: Wash the skin immediately with soap and water. Get medical attention if any discomfort continues. In industrial use skin protection is advised as good hygiene practise.

EYE CONTACT: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

GENERAL: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### **5. FIRE FIGHTING MEASURES:**

EXTINGUISHING MEDIA: Use: Powder. Dry chemicals, sand, dolomite etc. water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES: Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol cans may explode in fires.

#### **6. ACCIDENTAL RELEASE MEASURES:**

SPILL CLEAN-UP METHODS: Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area. Place leaking aerosol cans in a pail, absorb product with sand.

#### **7. HANDLING AND STORAGE:**

USAGE PRECAUTIONS: Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS: Aerosol Cans: Must not be exposed to direct sunlight or temperatures above 50 deg. C

#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

INGREDIENT NAME:	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
Naphtha (Petroleum)				
Hydrotreated Light	64742-49-0	OES	1000 mg/m3	-
Butane	106-97-8	OES	600 ppm	750 ppm
Propane	74-98-6		Asphyxiating	Asphyxiating

INGREDIENT NAME: OES = Occupational Exposure Standard.  
MEL = Maximum Exposure Limit.

## PROTECTIVE EQUIPMENT:

IF USED IN AN INDUSTRIAL ENVIRONMENT GOOD PRACTISE IS THE WEARING OF GLOVES AND EYE PROTECTION.

VENTILATION:	Provide adequate general and local exhaust ventilation.
RESPIRATORS:	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL). Use chemical cartridge protection with appropriate cartridge.
PROTECTIVE GLOVES:	Use protective gloves.
EYE PROTECTION:	Wear approved chemical safety goggles where eye exposure is reasonably probable.
OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
HYGIENIC WORK ROUTINES:	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. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Aerosol
COLOUR:	White Grease
ODOUR/TASTE:	Characteristic of Mineral Oils
FLAMMABILITY LIMITED (LOWER%):	0.8
FLAMMABILITY LIMITED (UPPER %):	9.0

## 10. STABILITY AND REACTIVITY:

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition. : Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.
HAZARDOUS DECOMPOSITION PRODUCTS:	Fire creates: Vapour/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

## 11. TOXICOLOGICAL INFORMATION:

INHALATION:	May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches.
INGESTION:	May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.
SKIN:	Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause sensitisation by skin contact. Irritating to skin.
EYES:	Irritating to eyes. May cause chemical eye burns.
ROUTE OF ENTRY:	Inhalation. Skin and / or eye contact.

## **12. ECOLOGICAL INFORMATION:**

ECOLOGICAL INFORMATION: Dangerous for the environment if discharged into watercourses

## **13. DISPOSAL CONSIDERATIONS:**

DISPOSAL METHODS: Empty containers must not be burned because of explosion hazard.  
Dispose of in accordance with Local Authority requirements.

## **14. TRANSPORT INFORMATION:**

LABEL FOR CONVEYANCE: FLAMMABLE GAS

UN NO. ROAD: 1950  
UK ROAD TRANSPORT CLASS: 2.1  
UK ROAD PACK GR: Not Applicable  
ADR CLASS No: 2.1  
ADR CLASS: Division 2.1 : Flammable gases  
ADR ITEM No: 5F  
ADR MARGINAL: 2201  
ADR LABEL No: 2.1  
CEFIC TEC(R) No: 20G53  
PROPER SHIPPING NAME 1: AEROSOLS  
RID CLASS No: 2.1  
RID ITEM NO.: 5F  
UN NO. SEA: 1950  
IMDG CLASS: 2.1  
IMDG PACK GR: Not Applicable  
EmS No: 2-13  
MFAG TABLE No: See Guide  
MARINE POLLUTANT: No.  
UN NO. AIR: 1950  
ICAO CLASS: 2.1  
AIR PACK GR: Not Applicable

## **15. REGULATORY INFORMATION:**

LABEL FOR SUPPLY: IRRITANT  
EXTREMELY FLAMMABLE  
DANGEROUS FOR THE ENVIRONMENT

RISK PHRASES: R12 Extremely Flammable  
R-38 Irritating to skin  
R51/53 Toxic to aquatic organisms. May cause long term adverse effects  
in the aquatic environment.  
R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES: S-16 Keep away from sources of ignition - No Smoking.  
S-2 Keep out of the reach of children.  
S-23c Do not breathe vapour/spray.  
S24 Avoid contact with skin.  
S-51 Use only in well ventilated areas.  
S-60 This material and its container must be disposed of as  
hazardous waste.  
S-61 Avoid release to the environment. Refer to special  
instructions/Safety Data Sheets.

UK REGULATORY REFERENCES: The Control of Substances Hazardous to Health Regulations 1988.  
Chemicals (Hazard Information & Packing) Regulations 1993.

APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations  
Dangerous for Supply.

GUIDANCE NOTES: Occupational Exposure Limited EH40  
Introduction to Local Exhaust Ventilation HS(G)37.  
Chip for everyone HSG (108).

**16. OTHER INFORMATION:**

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R-PHRASES (FULL TEXT): R-38 Irritating to skin.  
R-51/53 Toxic to aquatic organisms, may cause long-term  
adverse effects in the aquatic environment.  
R65 Harmful may cause lung damage if swallowed.  
R-67 Vapours may cause drowsiness and dizziness.  
R-12 Extremely flammable.

**DISCLAIMER**

**This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.**

Action Can Limited  
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