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SDS

Common Name: HIGH VI R&O AW ISO VG 15 SNOWPLOW OIL-BLUE

Manufacturer: AMERICAN REFINING

SDS Revision Date: 2/12/2015

SDS Format: GHS-US

Grainger Item Number(s): 6AHY2, 6AHY3

Manufacturer Model Number(s):

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HIGH VI R&O AW ISO VG 15 SNOWPLOW OIL-BLUE

REVISION DATE: 2/12/2015

7350

AMERICAN REFINING GROUP, INC.

REVISION #: 0

(R*)

AMERICAN REFINING GROUP, INC.

SAFETY DATA SHEET

PREPARED ACCORDING TO GHS

1. IDENTIFICATION



PRODUCT NAME: HIGH VI R&O AW ISO VG 15 SNOWPLOW OIL-BLUE

PRODUCT CODE: 7350

RECOMMENDED USE: SNOWPLOW OIL

COMPANY:
AMERICAN REFINING GROUP, INC.
77 NORTH KENDALL AVENUE
BRADFORD, PA 16701
WWW.AMREF.COM
MSDS@AMREF.COM

EMERGENCY TELEPHONE NUMBER(S):
CHEMTREC: 1-800-424-9300 (24 HRS)
ARG: 814-368-1297 (24 HRS)

2. HAZARDS IDENTIFICATION



GHS CLASSIFICATION: ASPIRATION HAZARD CATEGORY 1

SIGNAL WORD: DANGER!

HAZARD STATEMENTS: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

OTHER HAZARD INFORMATION: NOT APPLICABLE

GHS PICTOGRAM: HEALTH HAZARD

PRECAUTIONARY STATEMENTS:

IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR.

DO NOT INDUCE VOMITING.

STORE LOCKED UP.

DISPOSE OF CONTENTS/CONTAINER TO IN ACCORDANCE WITH
LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

3. COMPOSITION / INFORMATION ON INGREDIENTS



CAS NO.	COMPONENT	COMMON NAME	PERCENT
72623-86-0	LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASED	BASE OIL	60-70
64742-56-9	DISTILLATES (PETROLEUM), SOLVENT-DEWAXED LIGHT PARAFFINIC	BASE OIL	0-10

4. FIRST AID MEASURES



EYES:

CHECK FOR AND REMOVE ANY CONTACT LENSES. FLUSH EYES WITH PLENTY OF WATER,
OCCASIONALLY LIFTING THE UPPER AND LOWER EYELIDS. GET MEDICAL ATTENTION IF
IRRITATION DEVELOPS.

SKIN:

IN CASE OF CONTACT, FLUSH SKIN WITH PLENTY OF SOAP AND WATER WHILE REMOVING
CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. GET MEDICAL
ATTENTION IF IRRITATION DEVELOPS.

INHALATION:

MOVE EXPOSED PERSON TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION
DEVELOPS.

INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

NOTE TO PHYSICIANS:

NO SPECIFIC TREATMENT. TREAT SYMPTOMATICALLY. CONTACT POISON TREATMENT SPECIALIST IF LARGE QUANTITIES HAVE BEEN INGESTED OR INHALED.

5. FIRE FIGHTING MEASURES**SUITABLE EXTINGUISHING MEDIA:**

USE DRY CHEMICAL, CO₂, WATER SPRAY (FOG) OR FOAM

UNSUITABLE EXTINGUISHING MEDIA:

AVOID SOLID WATER STREAM AS IT MAY SCATTER AND SPREAD FIRE.

SPECIFIC HAZARDS ARISING FROM CHEMICAL:

ELEVATED TEMPERATURES CAN LEAD TO THE FORMATION OF IRRITATING VAPORS.

DECOMPOSING PRODUCTS MAY INCLUDE THE FOLLOWING MATERIALS:

CARBON DIOXIDE AND CARBON MONOXIDE.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

FIRE-FIGHTERS SHOULD WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS (SCBA) WITH A FULL FACE-PIECE OPERATED IN POSITIVE PRESSURE MODE.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: PUT ON APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

ENVIRONMENTAL PRECAUTIONS:

PREVENT PRODUCT FROM ENTERING DRAINS. PREVENT ENTRY INTO WATERWAYS, SEWERS, BASEMENTS OR CONFINED AREAS.

METHODS FOR CONTAINMENT: STOP LEAK IF WITHOUT RISK.

METHODS FOR CLEANUP:

COVER LIQUID SPILL WITH SAND, EARTH OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL. COVER POWDER SPILL WITH PLASTIC SHEET OR TARP TO MINIMIZE SPREADING. PICK UP AND TRANSFER TO PROPERLY LABELED CONTAINER

7. HANDLING AND STORAGE**HANDLING PROCEDURES:**

EATING, DRINKING, AND SMOKING SHOULD BE PROHIBITED IN AREAS WHERE THIS MATERIAL IS HANDLED, STORED AND PROCESSED. WORKERS SHOULD WASH HANDS AND FACE BEFORE EATING, DRINKING AND SMOKING. REMOVE CONTAMINATED CLOTHING AND PROTECTIVE EQUIPMENT BEFORE ENTERING EATING AREAS. DO NOT GET IN EYES OR ON SKIN OR CLOTHING. DO NOT INGEST. AVOID BREATHING VAPOR OR MIST.

SHIPPING AND STORING PROCEDURES:

KEEP CONTAINER TIGHTLY CLOSED IN A DRY PLACE. KEEP AWAY FROM HEAT. PROTECT FROM LIGHT. KEEP IN PROPERLY LABELED CONTAINERS. KEEP OUT OF THE REACH OF CHILDREN.

INCOMPATIBILITIES: OXIDIZING AGENTS

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**COMPONENT EXPOSURE LIMITS*:**

WHEN MISTS/AEROSOLS CAN OCCUR THE FOLLOWING ARE RECOMMENDED:

5 MG/M³ - ACGIH TLV (INHALABLE FRACTION),

5 MG/M³ - OSHA PEL.

*PRODUCT HAS 0 KPA PRESSURE AT 68 DEG. F AND IS NOT EXPECTED TO PRESENT ANY INHALATION HAZARD AT AMBIENT CONDITIONS.

CAUTION SHOULD BE TAKEN TO PREVENT AEROSOLIZATION OR MISTING OF THIS PRODUCT. OIL MIST, IF GENERATED, IS CONSIDERED HAZARDOUS ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD.

ENGINEERING CONTROLS:

MATERIAL SHOULD BE HANDLED IN ENCLOSED VESSELS AND EQUIPMENT ONLY IF AEROSOLIZED AND/OR MISTED. USE ONLY IN ADEQUATE VENTILATION IF THIS OCCURS. USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP WORKER EXPOSURE TO AIRBORNE CONTAMINANTS BELOW ANY RECOMMENDED OR STATUTORY LIMITS.

EYE/FACE PROTECTION: SAFETY GLASSES

SKIN PROTECTION: NORMAL WORK GLOVES ARE APPROPRIATE

RESPIRATORY PROTECTION:

NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

GENERAL HYGIENE:

WASH HANDS, FOREARMS AND FACE THOROUGHLY AFTER HANDLING CHEMICAL PRODUCTS, BEFORE EATING, SMOKING AND USING THE LAVATORY AND AT THE END OF THE WORKING PERIOD. APPROPRIATE TECHNIQUES SHOULD BE USED TO REMOVE POTENTIALLY CONTAMINATED CLOTHING.

9. PHYSICAL AND CHEMICAL PROPERTIES



NOTE:

PHYSICAL AND CHEMICAL PROPERTIES ARE PROVIDED FOR SAFETY, HEALTH AND ENVIRONMENTAL CONSIDERATIONS ONLY AND MAY NOT FULLY REPRESENT PRODUCT SPECIFICATIONS. PLEASE SEE THE PRODUCT SPECIFICATION SHEET FOR FURTHER INFORMATION.

APPEARANCE: BLUE

FLAMMABILITY: NOT AVAILABLE

PHYSICAL STATE: LIQUID

UPPER/LOWER FLAMMABILITY LIMITS: NOT AVAILABLE

ODOR: PETROLEUM OIL

VAPOR PRESSURE (KPA AT 20 DEG. C): 0

ODOR THRESHOLD: NOT AVAILABLE

VAPOR DENSITY: NOT AVAILABLE

PH: NOT AVAILABLE

RELATIVE DENSITY (LBS/GAL): 7.01

MELTING/FREEZING POINT (DEG. F): NOT AVAILABLE

WATER SOLUBLE: NO

INITIAL BOILING POINT (DEG. F): NOT AVAILABLE

PARTITION COEFFICIENT N-OCTANOL/WATER: NOT AVAILABLE

BOILING RANGE (DEG. F): NOT AVAILABLE

AUTO-IGNITION TEMPERATURE (DEG. F): NOT AVAILABLE

FLASH POINT (DEG. F): 350

DECOMPOSITION TEMPERATURE (DEG. F): NOT AVAILABLE

EVAPORATION RATE: NOT AVAILABLE

VISCOSITY (40 DEG. C MM2/S): 13.5

10. CHEMICAL STABILITY & REACTIVITY INFORMATION



REACTIVITY: POLYMERIZATION WILL NOT OCCUR

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS

HAZARDOUS REACTIONS: NONE, UNDER NORMAL PROCESSING.

CONDITIONS TO AVOID: HIGH TEMPERATURES

INCOMPATIBILITY: STRONG ACIDS AND OXIDIZING MATERIALS

HAZARDOUS DECOMPOSITION PRODUCTS:

SMOKE, CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES AND OTHER PRODUCTS OF INCOMPLETE COMBUSTION.

11. TOXICOLOGICAL INFORMATION



ACUTE EXPOSURE:

RESPIRATORY IRRITATION:

NOT EXPECTED TO POSE RESPIRATORY IRRITATION. AN INHALATION HAZARD MAY ONLY ARISE IF PRODUCT IS AEROSOLIZED OR IF HEATED UP (>212 DEG. F). IF MATERIAL IS MISTED OR IF VAPORS ARE GENERATED FROM HEATING, EXPOSURE MAY CAUSE IRRITATION OF MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. BASED ON DATA FROM SIMILAR MATERIALS.

EYE IRRITATION: NOT EXPECTED TO CAUSE IRRITATION UNDER NORMAL USE.

SKIN IRRITATION: NOT EXPECTED TO CAUSE IRRITATION UNDER NORMAL USE.

SENSITIZATION: NOT EXPECTED TO CAUSE SKIN OR RESPIRATORY SENSITIZATION.

ASPIRATION HAZARDS:

IF SWALLOWED CAN BE ASPIRATED INTO LUNGS AND CAUSE CHEMICAL PNEUMONIA, VARYING DEGREES OF PULMONARY INJURY OR DEATH. IF SWALLOWED, DO NOT INDUCE VOMITING.

CHRONIC EXPOSURE:

TARGET ORGAN EFFECTS:

NO DATA AVAILABLE TO INDICATE PRODUCT OR COMPONENTS AT GREATER THAN 1% ARE CHRONIC HEALTH HAZARDS.

CARCINOGENICITY:

NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS PRESENT AT GREATER THAN .1% ARE CARCINOGENIC.

MUTAGENICITY:

NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS PRESENT AT GREATER THAN .1% ARE MUTAGENIC OR GENOTOXIC.

REPRODUCTIVE TOXICITY:

NO DATA AVAILABLE TO INDICATE EITHER PRODUCT OR COMPONENTS PRESENT AT GREATER THAN .1% THAT MAY CAUSE REPRODUCTIVE TOXICITY.

TERATOGENICITY:

NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS CONTAINED AT
GREATER THAN .1% MAY CAUSE BIRTH DEFECTS.

COMPONENT ANALYSIS - LD50 / LC50:

INHALATION LC50 RAT: >5 MG/L 4H
ORAL LD50 RAT: >5000 MG/KG
DERMAL LD50 RABBIT: >2000 MG/KG

12. ECOLOGICAL INFORMATION**COMPONENT ANALYSIS - ECOTOXICITY - AQUATIC LIFE:****DURATION/TEST/SPECIES:**

96 HR LC50: PIMEPHALES PROMELAS

CONCENTRATION/CONDITIONS: NOT AVAILABLE MG/L

PERSISTENCE & DEGRADABILITY: NOT DETERMINED

BIOACCUMULATION POTENTIAL: NOT DETERMINED

SOIL MOBILITY: NOT DETERMINED

OTHER ADVERSE EFFECTS: NOT DETERMINED

13. DISPOSAL CONSIDERATIONS**DISPOSAL INSTRUCTIONS:**

THE GENERATION OF WASTE SHOULD BE AVOIDED OR MINIMIZED WHEREVER POSSIBLE.
TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH
APPLICABLE FEDERAL, STATE/PROVINCIAL, AND LOCAL REGULATIONS.

14. TRANSPORTATION INFORMATION**EMERGENCY RESPONSE GUIDE NO.:**

171

NORTH AMERICAN EMERGENCY RESPONSE GUIDE BOOK

UN NUMBER	SHIPPING NAME (TECHNICAL NAME)	HAZARD CLASS	PACKING GROUP
U.S. DOT BULK	NOT REGULATED		
U.S. DOT NON-BULK	NOT REGULATED		
IATA	NOT REGULATED		
IMDG	NOT REGULATED		

15. REGULATORY INFORMATION**SARA EXTREMELY HAZARDOUS SUBSTANCES (SECTIONS 302 & 304):**

THIS PRODUCT DOES NOT CONTAIN GREATER THAN 1% OF ANY "EXTREMELY HAZARDOUS
SUBSTANCES" LISTED PURSUANT TO TITLE III OF THE SUPERFUND AMENDMENTS AND
REAUTHORIZATION ACT OF 1986 (SARA) SECTION 302 OR SECTION 304 AS IDENTIFIED
IN 40 CFR PART 355, APPENDIX A AND B. SARA SECTION 313 THIS PRODUCT DOES
NOT CONTAIN GREATER THAN 1.0% OF THE SUBSTANCES SUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND

REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

SARA SECTION 311 & 312 CLASSIFICATIONS:

ACUTE HAZARD: YES
CHRONIC HAZARD: NO
FIRE HAZARD: NO
REACTIVITY HAZARD: NO

CERCLA:

THIS PRODUCT DOES NOT CONTAIN ANY "HAZARDOUS SUBSTANCES" LISTED UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT OF 1980 (CERCLA) IN 40 CFR PART 302, TABLE 302.4.

CALIFORNIA PROP 65:

THIS PRODUCT IS NOT ROUTINELY TESTED TO DETERMINE CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS BASED ON MAXIMUM IMPURITY LEVELS OF COMPONENTS.

GLOBAL CHEMICAL INVENTORIES:

INVENTORY:

US TSCA: LISTED
EU: LISTED
JAPAN: NOT AVAILABLE
AUSTRALIA: LISTED
NEW ZEALAND: NOT AVAILABLE
CANADA: LISTED
SWITZERLAND: NOT AVAILABLE
KOREA: LISTED
PHILIPPINES: LISTED
CHINA: LISTED
TAIWAN: NOT AVAILABLE

16. OTHER INFORMATION



US NFPA RATINGS:

HEALTH 1
FIRE 1
REACTIVITY 0

HMIS RATINGS:

HEALTH 1
FIRE 1
PHYSICAL HAZARDS 0

REVISION DATE: 12 FEBRUARY 2015

REVISION REASON: NEW SDS

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.