

P/N 7552

# MATERIAL SAFETY DATA SHEET



## I. PRODUCT IDENTIFICATION

Manufacturer's Name	PENNZOIL CO., GUMOUT DIVISION		CAS Number: MIXTURE
Address	710 GATEWAY CENTER #4 PITTSBURGH, PENNSYLVANIA 152221469		MSDS Code: 000622
			<b>NFPA Hazard Identification</b> Degree of Hazard      Hazard Ratings  Health: 1              0 - Least 1 - Slight Fire: 3                 2 - Moderate Reactivity: 0         3 - High 4 - Extreme
Emergency Telephone No.	(713) 236-6070		
Trade Name	GUMOUT XTRA DUTY DEGREASER AND ENGINE CLEANER		
Synonyms	PETROLEUM HYDROCARBON SOLVENT		

## II. INGREDIENTS

COMPONENT NAME CAS NUMBER	HAZARDOUS IN BLEND	PERCENTAGE MIN      MAX	COMPONENT EXPOSURE LIMITS	UNITS
PETROLEUM DISTILLATE MIXTURE	YES	35.00 TO 40.00	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
PETROLEUM SOLVENT PROPRIETARY	YES	40.00 TO 45.00	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
DETERGENT PROPRIETARY	NO	5.00 TO 15.00	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
SURFACTANTS PROPRIETARY	NO	1.00 TO 5.00	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
ODORANT PROPRIETARY	NO	< 1.00	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
HYDROCARBON PROPELLANT MIXTURE	YES	5.00 TO 10.00	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT

BY: ENVIRONMENTAL, SAFETY & HEALTH  
(713) 546-8512

EFFECTIVE DATE: NOVEMBER 14, 1988

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REQUIRED UNDER USDL SAFETY AND HEALTH REGULATIONS FOR SHIP REPAIRING, SHIPBUILDING, AND SHIPBREAKING (29 CFR 1915, 1916, 1917).

**III HEALTH EFFECT INFORMATION****EYE CONTACT**

AVOID EYE CONTACT. THIS PRODUCT MAY BE SLIGHTLY IRRITATING TO THE EYES UPON DIRECT CONTACT. EXPOSURE TO HIGH CONCENTRATIONS OF VAPORS MAY BE IRRITATING TO THE EYES.

**SKIN CONTACT**

AVOID SKIN CONTACT. THIS PRODUCT MAY CAUSE MODERATE SKIN IRRITATION UPON DIRECT CONTACT. SINGLE CONTACT WITH THIS PRODUCT MAY CAUSE DERMATITIS. PROLONGED OR REPEATED CONTACT MAY RESULT IN CONTACT DERMATITIS WHICH IS CHARACTERIZED BY DRYNESS, CHAPPING, AND REDDENING. THIS CONDITION MAY MAKE THE SKIN MORE SUSCEPTIBLE TO OTHER IRRITANTS, SENSITIZERS, AND DISEASE. PRE-EXISTING SKIN CONDITIONS MAY MAKE THE SKIN MORE SUSCEPTIBLE AND FACILITATE UPTAKE BY THIS ROUTE. SEE HEALTH DATA SECTION BELOW.

**INHALATION**

AVOID PROLONGED INHALATION OF VAPORS. THIS PRODUCT MAY BE CONSIDERED A LOW HEALTH HAZARD UNLESS INHALED IN VERY HIGH CONCENTRATIONS OR ASPIRATED INTO THE LUNGS. ACUTE OVEREXPOSURE MAY RESULT IN IRRITATION OF THE THROAT AND LUNGS. SEVERE INTOXICATION MAY LEAD TO DROWSINESS, DULLNESS, NUMBNESS, AND HEADACHE FOLLOWED BY DIZZINESS, WEAKNESS, AND NAUSEA. CHRONIC OVEREXPOSURES HAVE RESULTED IN LIVER, HEART, AND BLOOD DISORDERS. LONG-TERM EXPOSURE TO VAPOR CONCENTRATIONS HAVE BEEN REPORTED TO PRODUCE NON-SPECIFIC SYMPTOMS SUCH AS NERVOUSNESS, LOSS OF APPETITE, NAUSEA, AND DIARRHEA. OTHER SYMPTOMS RELATED TO THE NERVOUS SYSTEM, GASTROINTESTINAL TRACT, LUNGS, EYES, AND REPRODUCTIVE SYSTEM HAVE BEEN CITED.

**INGESTION**

DO NOT INGEST. INGESTION IS RELATIVELY NON-TOXIC UNLESS ASPIRATION OCCURS. SEVERE ORAL INTOXICATION WILL LEAD TO INTENSE BURNING OF THE THROAT AND MAY RESULT IN DROWSINESS, DULLNESS, NUMBNESS, AND HEADACHE FOLLOWED BY DIZZINESS, WEAKNESS, AND NAUSEA. LOSS OF CONSCIOUSNESS AND CONVULSIONS FOLLOWED BY DEATH MAY RESULT. SEE HEALTH DATA SECTION BELOW.

**HEALTH DATA**

LABORATORY ANIMALS DERMALLY EXPOSED TO HIGH CONCENTRATIONS OF SIMILAR CHEMICAL COMPOSITION PRODUCTS HAVE DEVELOPED SYSTEMIC EFFECTS OF THE LUNGS, LIVER, LYMPH NODES, AND SPLEEN. ASPIRATION MAY LEAD TO CHEMICAL PNEUMONITIS WHICH IS CHARACTERIZED BY PULMONARY EDEMA AND HEMORRHAGE, AND MAY BE FATAL. SIGNS OF LUNG INVOLVEMENT INCLUDE INCREASED RESPIRATION RATE, INCREASED HEART RATE, AND A BLUISH DISCOLORATION OF THE SKIN. COUGHING, CHOKING, AND GAGGING ARE OFTEN NOTED AT THE TIME OF ASPIRATION. GASTROINTESTINAL DISCOMFORT MAY DEVELOP, FOLLOWED BY VOMITTING, WITH A FURTHER RISK OF ASPIRATION.

**IV EMERGENCY & FIRST AID PROCEDURES****EYE CONTACT**

IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER AND CONTINUE FLUSHING FOR 15 MINUTES UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

**SKIN CONTACT**

REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED AREA THOROUGHLY WITH SOAP AND WATER. IF REDNESS OR IRRITATION OCCURS, SEEK MEDICAL ATTENTION.

**INHALATION**

THIS MATERIAL HAS A LOW VAPOR PRESSURE AND IS NOT EXPECTED TO PRESENT AN INHALATION EXPOSURE AT AMBIENT CONDITIONS. IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, REMOVE VICTIM FROM EXPOSURE. IF BREATHING HAS STOPPED OR IS IRREGULAR, ADMINISTER ARTIFICIAL RESPIRATION AND SUPPLY OXYGEN IF IT IS AVAILABLE. IF VICTIM IS UNCONSCIOUS, REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.

**INGESTION**

DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

**V PERSONAL HEALTH PROTECTION INFORMATION****EYE PROTECTION**

EYE PROTECTION IS NOT REQUIRED UNDER CONDITIONS OF NORMAL USE. IF MATERIAL IS HANDLED SUCH THAT IT COULD BE SPLASHED INTO EYES, WEAR PLASTIC FACE SHIELD OR SPLASH-PROOF SAFETY GOGGLES.

**SKIN PROTECTION**

NO SKIN PROTECTION IS REQUIRED FOR SINGLE, SHORT DURATION EXPOSURES. FOR PROLONGED OR REPEATED EXPOSURES, USE IMPERVIOUS SYNTHETIC RUBBER CLOTHING (BOOTS, GLOVES, APRONS, ETC.) OVER PARTS OF THE BODY SUBJECT TO EXPOSURE.

**RESPIRATORY PROTECTION**

RESPIRATORY PROTECTION IS NOT REQUIRED UNDER CONDITIONS OF NORMAL USE. IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, USE AN ORGANIC VAPOR RESPIRATOR WITH A DUST AND MIST FILTER. ALL RESPIRATORS MUST BE NIOSH CERTIFIED. DO NOT USE COMPRESSED OXYGEN IN HYDROCARBON ATMOSPHERES.

**VENTILATION**

IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, ADEQUATE VENTILATION IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE MUST BE PROVIDED TO MAINTAIN CONCENTRATIONS BELOW THE SPECIFIED EXPOSURE OR FLAMMABLE LIMITS.

**OTHER**

CONSUMPTION OF FOOD AND BEVERAGE SHOULD BE AVOIDED IN WORK AREAS WHERE HYDROCARBONS ARE PRESENT. ALWAYS WASH HANDS AND FACE WITH SOAP AND WATER BEFORE EATING, DRINKING, OR SMOKING.

## VI FIRE PROTECTION INFORMATION

FLASH POINT &lt; +20

TEST METHOD P.M.C.C.

AUTOIGNITION TEMPERATURE NO DATA

TEST METHOD NO DATA

FLAMMABLE LIMITS IN AIR % BY VOL

LOWER NO DATA

UPPER NO DATA

EXTINGUISHING MEDIA

USE DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES

WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME.

UNUSUAL FIRE AND EXPLOSIVE CONDITIONS

DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION. CAUTION!--CONTENTS ARE UNDER PRESSURE AND CAN EXPLODE WHEN EXPOSED TO HEAT OR FLAMES.

## VII REACTIVITY DATA

STABILITY (THERMAL, LIGHT, ETC.)

STABLE

CONDITIONS TO AVOID

NONE

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

CONDITIONS TO AVOID

NONE

INCOMPATIBILITY MATERIALS TO AVOID

MAY REACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS

NONE

**VIII ENVIRONMENTAL PRECAUTIONS****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

CONSULT HEALTH EFFECT INFORMATION IN SECTION III, PERSONAL HEALTH PROTECTION INFORMATION IN SECTION V, FIRE PROTECTION INFORMATION IN SECTION VI, AND REACTIVITY DATA IN SECTION VII. NOTIFY APPROPRIATE AUTHORITIES OF SPILL. CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATERCOURSES. REMOVE ALL SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION DURING CLEAN-UP. ABSORB WITH SOLVENT ABSORBENT MATERIAL. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, BUCKETS, OR OTHER MEANS AND PLACED IN DRUMS OR OTHER SUITABLE CONTAINERS.

**WASTE DISPOSAL METHOD**

ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS. THE MATERIAL, IF SPILLED OR DISCARDED, MAY BE A RCRA WASTE. THE MATERIAL, IF SPILLED OR DISCARDED, MAY BE A REGULATED WASTE. REFER TO STATE AND LOCAL REGULATIONS. CAUTION! IF REGULATED SOLVENTS ARE USED TO CLEAN UP SPILLED MATERIAL, THE RESULTING WASTE MIXTURE MAY BE REGULATED. DEPARTMENT OF TRANSPORTATION (DOT) REGULATIONS MAY APPLY FOR TRANSPORTING THIS MATERIAL WHEN SPILLED. WASTE MATERIAL MAY BE LANDFILLED OR INCINERATED AT AN APPROVED FACILITY.

**IX MISCELLANEOUS****HANDLING AND STORAGE REQUIREMENTS**

THIS PRODUCT IS CLASSIFIED AS ORM-D (CONSUMER COMMODITY) UNDER DOT REGULATIONS. SEE 49 CFR 171 THROUGH 178 FOR SHIPPING REQUIREMENTS. ALL IGNITION SOURCES IN THE AREA SHOULD BE CONTROLLED. FIRE EXTINGUISHERS SHOULD BE KEPT READILY AVAILABLE. SEE NFPA 30 AND OSHA 1910.106--FLAMMABLE AND COMBUSTIBLE LIQUIDS. DO NOT STORE AT TEMPERATURES GREATER THAN 120 F. CONTENTS UNDER PRESSURE AND CAN EXPLODE WHEN EXPOSED TO HEAT OR OPEN FLAME. CAUTION!--DO NOT PUNCTURE OR INCINERATE.

**ADDITIONAL INFORMATION**

THIS MIXTURE MAY BE FORMULATED IN PART WITH COMPONENTS PURCHASED FROM OTHER COMPANIES. IN MANY INSTANCES, ESPECIALLY WHEN PROPRIETARY OR TRADE SECRET MATERIALS ARE USED, PENNZOIL COMPANY MUST RELY UPON THE HAZARD EVALUATION OF SUCH COMPONENT SUBMITTED TO PENNZOIL BY THAT PRODUCT'S MANUFACTURER OR IMPORTER.

**X PHYSICAL PROPERTIES**

BOILING POINT	> 350F	PERCENT VOLATILE	N/A
MELTING POINT	N/A	VAPOR DENSITY (AIR=1)	3 - 5
APPEARANCE	CLEAR, YELLOW LIQUID.	EVAPORATION RATE (EE=1)	1
ODOR	PLEASANT ODOR.	SPECIFIC GRAVITY	0.86
VAPOR PRESSURE	VARIABLE	MOLECULAR WEIGHT	VARIABLE
SOLUBILITY	SOLUBLE IN HYDROCARBONS. EMULSIFIES IN WATER.		