Aqualuer® 20-20



For use only by federal, state, tribal, or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

ACTIVE INGREDIENTS: *Permethrin **Piperonyl Butoxide Technical Inert Ingredients:

*(3-phenoxyphenyl)methyl(+/-)Cis/trans 3-(2,2-dichloroethenyl)2,2-Dimethyl cyclopropanecarboxylate. Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans **Equivalent to 80% (butylcarbityl)(6-propylpiperonyl) ether and 20% related

Contains 1.75 pounds of Permethrin and 1.75 pounds of Piperonyl Butoxide per gallon.

KEEP OUT OF REACH OF CHILDREN **CAUTION**

PRECAUCION AL USUARIO: Si usted no entienda la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

First Aid						
If Swallowed:	 Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person. 					
If on skin or clothing:	 Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice. 					
Have the product container or label with you when calling a poison control						

PRECAUTIONARY STATEMENTS

center or doctor, or going for treatment.

CAUTION: Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Hazards to Humans and Domestic Animals

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms, including fish and aquatic invertebrates. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

Bee Warning: This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply to blooming crops or weeds while bees are visiting the treatment areas, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

A Synergized Permethrin Formulation.

- · For Effective Control of Adult Mosquitoes (including organophosphate resistant mosquitoes), Midges (Biting and Non-Biting) and
- For ULV, Thermal and Barrier Applications using Ground and Aerial Equipment for control of Adult Mosquitoes and other biting flies.
- Formulation Allows Dilution with Water or Oil.
- May be Applied Undiluted.
- For surface and barrier applications using handheld equipment.
- Quick Knockdown and Effective Control of Target Insects.
- For ULV applications at rates up to 0.007 lbs. a.i. per acre.
- For barrier application at rates up to 0.1 lbs. a.i. per acre.
- Compatible with injector mixing systems or other insecticide mixing systems.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Note: Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

HOW TO APPLY AND WHERE TO USE

Aqualuer 20-20 is designed for application as an Ultra-Low Volume (ULV) or thermal aerosol to control adult mosquitoes and flies of nuisance, public health or disease vector importance in areas such as but not limited to: residential areas, industrial areas, commercial areas, urban areas, parks, campgrounds, woodlands, athletic fields, golf courses, playgrounds, recreational areas, overgrown waste areas, roadsides, and other areas where adult mosquitoes and flies may be found.

Aqualuer 20-20 is recommended for application with ULV cold aerosol generators, thermal aerosol generators, mist-blowers, backpack sprayers, or handheld sprayers. Mist-blowers, backpack sprayers, handheld sprayers and low-pressure hand sprayers may be used for barrier or surface applications.

FOR BEST RESULTS treat when mosquitoes or insects are most active and weather conditions are conducive to keeping the fog near the ground e.g. cool temperatures, and consistent wind speeds are not greater than 10 m.p.h. Applications during the cool hours of night or early morning are usually preferable.

Do not retreat the same site more than once in 12 hours. Do not apply more than 0.18 lbs. of Permethrin per acre per year to any site. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

Aqualuer 20-20 can be applied over specific growing crops and range grasses prior to harvest for the control of adult mosquitoes and biting flies within or adjacent to these areas. Application can only be made where the following crops are present:

Almonds Corn, fodder Onions, dry bulb Peaches Apples Corn, forage Corn grain Pears Broccoli Brussels sprouts Eggplant Peppers, bell Cabbage Range Grasses Soybeans Celery Leafy Vegetables (except Brassica) Tomatoes Lettuce, head Vegetables, cucurbit Cauliflower Mushrooms Walnuts

Cherries

Do not allow spray treatment to drift on cropland (other than crops listed) or water supplies. In treatment of corrals, feedlots, animal confinements/houses, swine lots and zoos, cover any exposed drinking water, drinking fountains and animal feed before application.

Aqualuer 20-20 provides effective control of adult mosquitoes, black flies, gnats, biting and non-biting midges, stable flies, horse flies, deer flies, sheep flies, horn and heel flies, and nuisance flying insects such as houseflies.

Air temperatures should be greater than 50° F when conducting all types of applications.

GROUND APPLICATION

Vehicle-Mounted ULV Cold Aerosol Generators (Cold Fog): Apply through non-thermal ULV application equipment and base all acreage calculations on the equipment manufacturer's recommended swath width. Spray equipment must be adjusted so the volume median diameter or mass median diameter is less than 30 microns (Dv $0.5 < 30 \mu m$) and that 90% of the spray is contained in droplets smaller than 48 microns (Dv $0.9 < 48 \mu m$). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rates are properly calibrated. Apply at a rate not to exceed 0.007 pounds of permethrin per acre. An optimum swath is created when Aqualuer 20-20 is applied from a truck being driven perpendicular to the wind direction. Direct the spray head of the equipment to ensure an optimum distribution of the spray cloud throughout the area. For best results, apply when insects are most active and meteorological conditions are conducive to keeping the spray cloud near the ground. An inversion of air temperatures and a light breeze of approximately 1 to 3 mph is preferable. During applications consistent ground wind speeds should not exceed 10 MPH. Application of this product during cooler hours of the night or early morning is recommended.

Aqualuer 20-20 may be applied through all ULV Cold Aerosol Generators, or other similar equipment designed for non-thermal ULV aerosol applications. The desired application rate may be obtained from the chart below or by altering the dilution rate of Aqualuer 20-20, the flow rate of the insecticide from the application equipment and the vehicle speed. Some examples are provided in the following chart. When an alternate rate is required, adjust the flow rate accordingly, provided the droplet size and spectrum remain within the label specifications.

FLOW RATE (Fluid Ounces Per Minute)										
Dilutions Based on a 15 Gallon Tank*										
Application Rate (Pounds of Permethrin a.i./ Acre)	Vehicle Speed (MPH)	Undiluted	Diluted 1: 3	Diluted 1: 4.5	Diluted 1: 6.5	Diluted 1: 9				
0.0015	10 15 20	0.7 1.05 1.4	2.8 4.2 5.6	3.7 5.5 7.3	5.25 7.88 10.50	6.7 10.0 14.0				
0.0035	10 15 20	1.55 2.35 3.1	6.2 9.3 12.5	8.6 12.8 17.2	11.7 17.5 23.4	15.6 23.3				
0.007	10 15 20	3.1 4.65 6.2	12.4 18.6 24.7	17.0 25.5	23.2					

*Dilution Instructions: Fill tank with the recommended amount of water, start agitation then add the correct amount of **Aqualuer 20-20**. The use of metering pumps, injector systems or other mixing systems is optional. Note: When using oil as a diluent agitate well before use.

Where dense vegetation is present, use higher rates of application and/or a slower speed for best results. All applications should be conducted when temperatures are greater than 50° F.

BACKPACK OR HANDHELD SPRAYER APPLICATION: Apply through non-thermal ULV application equipment and base acreage calculations on a 300-foot swath. To apply undiluted at 0.007 pounds of permethrin per acre adjust equip-ment to an output rate of 1.24 ounces per minute and walk at 4 mph. To apply 0.0035 pounds of permethrin per acre, dilute 1 part Aqualuer 20-20 with 5 parts of diluent and apply at a rate of 3.8 ounces per minute and walk at 4 mph.

THERMAL AEROSOL APPLICATION: For use in truck-mounted, handheld or other thermal fogging equipment. Spray equipment must be adjusted so the volume median diameter or mass median diameter is less than 30 microns (Dv 0.5 < 30 m) and that 90% of the spray is contained in droplets smaller than 48 microns (Dv 0.9 < 48 m). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rates are properly calibrated. Apply this product mixed with water or oil at a rate not to exceed 0.007 lbs. per acre. Base acreage calculations on a 300 feet swath. For best results, direct the thermal fog into and allow to drift through areas where adult mosquitoes are found.

BARRIER APPLICATIONS: To exclude and control resting or flying adult mosquitoes in areas such as animal quarters, roadsides, urban areas, residential areas, commercial areas, industrial areas, golf courses, parks, recreational areas, tire piles and all public areas where adult mosquitoes occur or find harborage. May be used to treat aggregation and harborage areas such as the perimeter of residential buildings, commercial buildings, storage buildings, crawl spaces, transport trailers, abandoned or uninhabited buildings and other areas where adult mosquitoes find harborage.

When this product is applied as a barrier application using low pressure hand sprayers, hydraulic sprayers or ground ULV equipment, do not apply within 100 feet (30 meters) of lakes and streams.

To apply this product using low pressure hand sprayers or other similar equipment, for the control of mosquitoes on resting or aggregation surfaces mix 0.126 oz. (3.73 ml) in one gallon of water and apply sufficient spray to dampen the surface—approximately 700-750 square feet of treated area. Use equipment that is capable of delivering an even distribution of the labeled rate over the treatment area. For application using backpack or truck-mounted mist-blower equipment apply **Aqualuer 20-20** undiluted at a rate not to exceed 7.3 oz. per acre. If diluted apply at a rate not to exceed 0.1 lbs. permethrin a.i. per acre. Diluted or undiluted applications may be made onto foliage at the perimeter of areas such as recreational areas, parks, or golf courses from which mosquitoes or flies are to be excluded. Applications may be directed into harborage areas or other resting areas where adult mosquitoes or flies may be found.

URBAN ULV MOSQUITO CONTROL APPLICATIONS: For control of resting or flying adult mosquitoes, biting flies and biting midges in harborage areas such as but not limited to utility tunnels, sewers, storm drains and catch basins, pipe tunnels, basements, underground passages, parking decks, crawl spaces under buildings, abandoned buildings or uninhabited buildings. Apply Aqualuer 20-20 diluted or undiluted using mechanical foggers, hand-held or truck-mounted ULV equipment, thermal foggers or other spray equipment suitable for this type of application. Aqualuer 20-20 may be applied at rates up to but not exceeding 0.007 lbs. permethrin per acre.

AERIAL APPLICATION

Apply Aqualuer 20-20 either diluted or undiluted at rates up to 0.007 lbs. Permethrin/PBO per acre by fixed wing or rotary aircraft equipped with a spraying system capable of making a ULV application. For aerial applications of Aqualuer 20-20, use ULV equipment and nozzles such as rotary atomizers or similar spray equipment. Spray equipment must be adjusted so the volume median diameter produced is less than 60 microns (Dv 0.5 < 60 μm) and that 90% of the spray is contained in droplets smaller than 115 microns (Dv 0.9 < 115 μm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

Aerial application of **Aqualuer 20-20** shall be made at altitudes ranging from 100 feet to 300 feet. Do not apply when ground wind speed equals 0 MPH or when ground wind exceeds 10 MPH. Aerial applications of **Aqualuer 20-20** shall only be made when recommended by public health officials and trained personnel of mosquito abatement districts and other mosquito control programs. To ensure best results applications shall be made when temperatures are greater than 50° F.

For best results, apply **Aqualuer 20-20** when insects are most active and meteorological conditions are conducive to keeping the spray cloud near the ground. Aerial applications using aircraft equipped with global positioning systems (GPS) may be needed to compensate for windy conditions and to ensure drift into target areas.

IN FLORIDA: Do not apply by aircraft unless approved by the Florida Department of Agriculture and Consumer Services.

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal.

Pesticide Storage and Spill Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal: Triple rinse or equivalent, then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

NOTICE: Buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

EPA Reg. No 769-985 EPA Est. No. 44616-MO-1 EPA Est. No. 44616-GA-1 Value Garden Supply P.O. Box 585 St. Joseph, MO 64502 (952)884-6477 www.allprovector.com RM# 22039-10-2





SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Aqualuer 20-20 EPA REG. NUMBER: 769-985

PRODUCT NUMBER: 51040, 51041, 51042, 51043, 51044

MANUFACTURER: Value Garden Supply ADDRESS: P.O. Box 585, St. Joseph, MO 64502

WEBSITE: www.allprovector.com

MANUFACTURER PHONE: (888) 603-1008 **MANUFACTURER FAX PHONE:** (952) 884-6149

EMERGENCY PHONE: (800) 858-7378

PRODUCT USE: For effective control of Adult Mosquitoes. For application by Public Health Officials and Trained

Personnel of Mosquito Abatement Districts and Other Mosquito Control Programs.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS*:	CAS NO.	% WT	OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Permethrin:	52645-53-1	20.6%	N/A	NE	N/A	NE
Piperonyl Butoxide:	51-03-6	20.6%	N/A	NE	N/A	NE
Orange Oil	8028-48-6					
Inert			N/A	N/A	N/A	N/A

^{*} All ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are **potentially** hazardous per OSHA definitions

N/A = not applicable NE = not established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Potential Health Effects

POTENTIAL HEALTH EFFECTS: If sufficient quantity of the product is ingested, it may be fatal. May cause irritation to the eyes, nose, throat and skin.

CARCINOGENICITY: Permethrin: A statistically significant increase of lung and liver tumors was observed in female mice receiving diets containing 375 and 750 mg/Kg/day over 85 weeks. Piperonyl Butoxide: Marginally higher incidences of benign liver tumors in mice were observed following lifetime high dose exposures. The significance of this observation is questionable and under review. The doses at which tumors were observed greatly exceeded human dietary intake. At anticipated dietary exposure levels, it is highly unlikely that piperonyl butoxide would result in carcinogenic effects. IARC has also concluded that there is no evidence for the carcinogenicity of white oils when administered by routes other than by interperitoneal injection. The solvent is not carcinogenic according to the OSHA Hazard Communication Standard.

SECTION 4: FIRST AID MEASURES

EYES: Can cause eye irritation and possible corneal injury. Immediately flush eyes with copious amounts of water and get medical attention.

SKIN: Immediately wash with soap and water. If skin irritation occurs, consult a physician.

INGESTION: May cause gastro-intestinal irritation or nausea. Do not induce vomiting. Get immediate medical attention.

INHALATION: Move person to an area of fresh air and give artificial respiration if necessary. If breathing difficulty persists, get immediate medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABILITY CLASSIFICATION: 2





FLASH POINT: 135 F

AUTOIGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: Carbon dioxide, foam or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area and equipment until decontaminated. Smother to exclude air. Do not use water. Handle as an oil fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

NFPA HAZARD CLASSIFICATION: HEALTH FIRE REACTIVITY SPECIFIC Non-fire 1 2 0 N/A

NFPA HAZARD RATING CODES: INSIGNIFICANT SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear chemical safety glasses with side shields or chemical goggles, rubber gloves, rubber boots, long-sleeved shirt, long pants, to prevent contact with spilled material. For small spills, cover the spill with an absorbent material such as pet litter. Sweep up and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with pet litter or other absorbent material, sweep up and place in a chemical container. Seal the container and handle in an approved manner. Flush the area with water to remove any residue. Do not allow wash water to contaminate water supplies.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store the material in a well-ventilated, secure area, out of the reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco usage, and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The employee must wear protective clothing and related safety equipment. Good ventilation should be sufficient for most conditions. Positive pressure self contained breathing apparatus should be used for confined spaces and high exposure operations. The employee should shower at the end of the workday. The employee must wear clean clothes every day or after a spill if the clothes become contaminated. Always wash hands and face with soap and water prior to eating, drinking, smoking or using toilet facilities. It is best not to wear contact lenses but use safety prescription glasses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light yellow/orange color VAPOR PRESSURE (mmHg): 2MMhG

ODOR: Slight Orange Odor VAPOR DENSITY (AIR =): Over 1

PHYSICAL STATE: Liquid SPECIFIC GRAVITY: 0.842-0.846

BOILING POINT: 349 F (176 C) **PERCENT VOLATILE BY VOLUME:** 98%

MELTING POINT: N/A EVAPORATION RATE: 0.2 (BuAc=1)

FREEZING POINT: F AUTO IGNITION: N/A

WATER SOLUBILITY: Disperses in water Flash Point: 135 F

EPA Reg. Number: 2 of 4 Aqualuer 20-20 MSDS 769-985 Revised: 01/09





SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under most conditions, avoid temperatures over 118 F (48 C)

INCOMPATIBILITY (MATERIAL TO AVOID): Strong Oxidizing agents

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL EFFECTS: Oral LD50 (Rat): >500 to <5,000 mg./Kg. (female) >5,000 mg./Kg. (male)

ACUTE DERMAL EFFECTS: Dermal LD50 (Rat): >2,000 mg/Kg.

CARCINOGENICITY: Permethrin: A statistically significant increase of lung and liver tumors was observed in female mice receiving diets containing 375 and 750 mg/Kg/day over 85 weeks. Piperonyl Butoxide: Marginally higher incidences of benign liver tumors in mice were observed following lifetime high dose exposures. The significance of this observation is questionable and under review. The doses at which tumors were observed greatly exceeded human dietary intake. At anticipated dietary exposure levels, it is highly unlikely that piperonyl butoxide would result in carcinogenic effects. IARC has also concluded that there is no evidence for the carcinogenicity of white oils when administered by routes other than by interperitoneal injection. The solvent is not carcinogenic according to the OSHA Hazard Communication Standard.

EYE EFFECTS: Minimally irritating

INHALATION: 4-hour LC50 (Rat): >2.02 mg./L.

SKIN CONTACT: Non-irritating.

SKIN SENSITIZE: Permethrin is a skin sensitizer in some individuals.

MUTAGENIC POTENTIAL: Permethrin and Piperonyl Butoxide did not produce any mutagenic effects when tested in the

Ames test.

REPRODUCTIVE HAZARD POTENTIAL: Permethrin and Piperonyl Butoxide were not teratogenic when tested in rats.

SECTION 12: ECOLOGICAL INFORMATION

Permethrin and piperonyl butoxide are highly toxic to fish and other aquatic organisms. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark other than as instructed on the product label. Do not contaminate water by disposing of equipment washwater. Apply this product only as specified on the label.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not reuse product containers. Dispose of product containers, waste containers, and residues according to Federal, State and local health and environmental regulations.

SECTION 14: TRANSPORT INFORMATION

*DOT HAZARD DESCRIPTION: Terpene Hydrocarbon Solution, 3, UN2319, PG III, Marine Polluant, (Permethrin)

HAZARD CLASS: 3

IDENIFICATION NO. : UN2319 PACKAGING GROUP: III

(*) U.S Department of Transportation

IMO: UN2319, TERPENE HYDROCARBONS, N.O.S., (D-LIMONENE, PERMETHRIN), 3, PGIII, MARINE POLLUTANT





SECTION 15: REGULATORY INFORMATION

TDG STATUS: Hazardous

IMO STATUS: UN2319, TERPENE HYDROCARBONS, N.O.S., (D-LIMONENE, PERMETHRIN), 3, PGIII, MARINE

POLLUTANT

IATA STATUS: Hazardous

Permethrin (20.6%) (CAS # 52645-53-1) Piperonyl Butoxide (20.6%) (CAS # 51-03-6)

TSCA, DSL, EINECS, AICS, MITI, KECL, PICCS STATUS: listed on Inventory

INDIVIDUAL STATES: N/A

SECTION 16: OTHER INFORMATION

This information is provided in good faith, but without express or implied warranty. For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.