



# PROTECTION AT YOUR DISPOSAL

Waste Management Fire Suppression Solutions



*A Tyco International Company*



# PROVEN UNDER FIRE

Day in, day out, the superheated engine parts of waste management vehicles work within inches of flammable debris and liquids. Fire protection must respond quickly and completely. For more than 40 years, ANSUL vehicle fire suppression systems have been the answer, successfully protecting machines and the people who operate them around the clock.



## SYSTEMS DESIGNED FOR TODAY'S DEMANDS

ANSUL dry chemical and LVS liquid agent fire suppression systems represent the waste industry's most complete set of fire suppression solutions:

- Pre-engineered systems operate automatically or manually.
- Wide array of nozzles allow for zone flooding or targeted "hot spot" protection.
- Reliable performance in temperature extremes.

CHECKFIRE SC-N detection system and ANSUL RED LINE Cartridge-Operated Hand Portable Extinguishers complete your total protection package. No matter which you choose, you'll have the confidence of knowing your products are supported by world-class training and the ANSUL global distribution/service network.

**SINGLE OR TWIN AGENTS ■ SUPPRESSION & COOLING**

**FM TESTED & APPROVED ■ VERSATILE CONFIGURATION/DESIGN OPTIONS**

**PROVEN SYSTEM RELIABILITY ■ MANUAL OR AUTOMATIC DETECTION/ACTUATION**

# OUR COMMITMENT TO PROTECTION REMAINS SOLID

The amount of waste generated daily on a global scale is staggering — and with it comes greater chances of undetected fire. ANSUL fire suppression systems meet the needs of waste management enterprises for protection, performance and compliance like no others.

## ANSUL LVS LIQUID AGENT FIRE SUPPRESSION SYSTEMS

Stored in 5-, 15- or 30-gallon (18.9-, 56.8- or 113.6-liter) corrosion-resistant tanks, ANSUL LVS agent provides both fire suppression and superior cooling of superheated surfaces, blanketing the fuel and cutting off oxygen to help prevent reflash. The fluid properties of the agent allow for simplified, extremely flexible design options and ease of maintenance/recharge.

- Flows readily into areas where flammable liquids often settle.
- Discharges in 30 to 60 seconds, depending on tank size. This extended soaking is especially effective on the Class A debris common in waste disposal settings.
- LVS effective operating range is -40 to 140°F (-40 to 60°C).

FM-approved LVS systems have been proven effective for more than ten years in applications wherever superheated equipment (such as turbochargers) is used.

## ANSUL DRY CHEMICAL FIRE SUPPRESSION SYSTEMS

The standard ANSUL A-101 Mobile Equipment Fire Suppression System discharges proven FORAY multipurpose dry chemical agent to quickly knock down flames. With tank capacities from 10 to 250 lb. (4.5 to 113.4 kg), the A-101 fixed-nozzle systems can be designed to flood entire volumes with chemical agent, or can be aimed at specific high-hazard areas.

- **LT-A-101** expands the capabilities of the original A-101 system for use in temperature extremes from -65 to 210°F (-54 to 99°C).
- **LT-LP-A-101** low profile system provides protection in environments and applications where space is at a premium.

## AREAS OF GREATEST BENEFIT:

- Landfill Compactors
- Transfer/Recycle Stations
- Refuse Trucks
- Waste Handling Dozers
- Wheeled Loaders
- Waste Handlers/ Excavators

LVS-5 VERTICAL OR HORIZONTAL MOUNT



A-101-30



LT-A-101-50



### **ANSUL LT-A-101/LVS TWIN-AGENT FIRE SUPPRESSION SYSTEM**

For those who want the combined performance of a twin-agent system, FORAY dry chemical and LVS agent provide the ultimate one-two punch. While the dry chemical is knocking down flames, superior LVS agent cools surrounding areas, helping minimize the possibility of reflash. LVS system components are built for corrosion resistance and operate effectively within a temperature range of -40 to 140°F (-40 to 60°C).

### **ANSUL CHECKFIRE SC-N DETECTION SYSTEM**

For those who desire automatic detection and actuation, a **CHECKFIRE SC-N** system is the answer. Fully self-contained, **CHECKFIRE SC-N** actuates the vehicle fire suppression system automatically, resists shock and vibration, and features internal diagnostics and internal/external power sources. Thermal detection options include linear wire or spot detectors.

### **ANSUL RED LINE CARTRIDGE-OPERATED HAND PORTABLE EXTINGUISHER**

In addition to the primary fire suppression system, the ANSUL **RED LINE** Cartridge-Operated Hand Portable Extinguisher (UL listed or CE marked) is a rugged, durable, and reliable unit that suppresses Class A, B, and C fires.

### **WORLD-CLASS TRAINING**

The best training will always be achieved through hands-on experience. The ANSUL Fire School combines education with real-world firefighting exposure at its Fire Technology Center in Marinette, Wisconsin, USA. In the classroom, students gain a practical understanding of fire suppression agents, ratings, equipment operation, inspection, maintenance techniques, and more. However, it's the valuable hands-on training that truly prepares students for the demands of manual firefighting.

### **ANSUL SYSTEMS PROTECT YOUR MOST VALUABLE ASSETS**

It takes innovative thinking and extensive experience to develop systems that keep waste management operations running smoothly.

**KEEP PRODUCTIVITY UP.** Fire protection solutions for virtually any type of waste management vehicle have been developed by an in-house team of engineers, metallurgists, chemists and PhDs backed by a 100-acre R&D facility.

**KEEP COSTS TO A MINIMUM.** Use one source for all agents and equipment. Trust your operation to nothing less than the hardest working, most thoroughly proven systems available — ANSUL fire suppression solutions.

### **CHECKFIRE SC-N DETECTION AND ACTUATION SYSTEM**



### **RED LINE CARTRIDGE-OPERATED FIRE EXTINGUISHER**





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